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National Weather Service
Communications Handbook No. 6



NOAA/NWS

Catalog of Meteorological Bulletins

Section 1 KWBC-Originated Meteorological Bulletins

2nd Edition
June 1982

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Weather Service

National Weather Service
Communications Handbook No. 6



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Catalog of Meteorological Bulletins

Section 1 KWBC-Originated Meteorological Bulletins

Office of Technical Services, Communications Division
Silver Spring, Md.

2nd Edition
June 1982

U.S. DEPARTMENT OF COMMERCE
Malcolm Baldrige, Secretary

National Oceanic and Atmospheric Administration
John V. Byrne, Administrator

National Weather Service
Richard E. Hallgren, Director



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL WEATHER SERVICE
Silver Spring, Md. 20910

DATE: June 4, 1982

SUBJECT: Transmittal Memorandum for National Weather Service
Communications Handbook No. 6, NOAA/NWS Catalog of
Meteorological Bulletins

TO: All National Weather Service Forecast Offices

1. Material Transmitted:


Section 1 of the National Weather Service Communications
Handbook No. 6.

2. Summary:

Communications Handbook No. 6, the NOAA/NWS Catalog of
Meteorological Bulletins, is a three-section reference
manual. Section 1 contains all meteorological bulletins
originated at KWBC. Section 2 contains foreign
meteorological bulletins which are distributed
domestically. Section 3 contains aviation-oriented
meteorological bulletins. A description of the
bulletins, the approximate time of transmission,
generation, observation or valid time, and the code used
are listed for each entry. Section 2 and Section 3 are
being issued separately.

3. Effects on other Instructions:

This publication replaces Section 1 of the NOAA/NWS
Catalog of Meteorological Bulletins, First Edition,
published in January 1980.


Richard E. Hallgren
Director, National Weather Service



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INTRODUCTION

Communications Handbook No. 6, NOAA/NWS Catalog of Meteorological Bulletins, has been published in response to the often-requested requirement for a meteorological bulletin contents reference manual.

Section 1 contains all meteorological bulletins originated at KWBC.

Section 2 contains foreign meteorological bulletins which are distributed domestically.

Section 3 contains aviation-oriented meteorological bulletins.

Included with each bulletin heading are the times (of transmission, of generation, of observation, or valid time), the description of the contents, and the code.

Communications Handbook No. 6 is an important tool for any user of NWS meteorological information. NWS personnel in WSFOs, and at regional and national headquarters, as well as personnel in the Federal Aviation Administration, the U.S. Navy, the U.S. Army, the U.S. Air Force, the U.S. Coast Guard and other government agencies will find this handbook very useful. Any non-government user of NWS meteorological information, such as private meteorologists, aviation and navigation service companies, weather broadcasters, etc., will find this handbook useful. Canada and various other foreign countries may also find this catalog a valuable reference tool.

FOREWORD

1. Purpose

The purpose of this handbook is to enable users to identify the contents of: 1) various domestic products which are generated by or available through the U.S. National Meteorological Center facilities, 2) various foreign products which are distributed domestically, and 3) various aviation-oriented products.

2. Distribution

Communications Handbook No. 6 is distributed to all National Weather Service Regional Offices, various headquarters offices, and NWS offices requesting such distribution. Further distribution is made to the FAA, USAF, and other federal agencies that request such distribution. The public may obtain a copy from the National Technical Information Service library, (telephone 703-487-4650).

3. Cancellation

This handbook may be superseded or cancelled at any time in whole or part by issuance of new or revised data.

4. Issuance

Changes will be issued on an irregular basis. Pages will be reprinted only when sufficient changes have been made to warrant such printing.

5. Corrections

Accuracy of entries is controlled by available information. Any suggested changes should be reported by letter to Headquarters, National Weather Service, Attention W532.

GENERAL INFORMATION

I. Format

Bulletins have been sorted and printed in alphabetical order by bulletin heading.

1. The Bulletin Heading, printed in bold type at the left side of the page, marks the start of each entry.
2. The approximate time, (of transmission, of generation, of observation or valid time), is printed on the right side of the same line as the bulletin heading. For bulletins that are issued periodically throughout the day, we have used the abbreviation PEH, which means Plus Every Hour, (PE6H means Plus Every 6 Hours).
3. The Bulletin Description is printed two lines below the bulletin heading.
4. The Code is printed following the bulletin description. Codes beginning with "FM" indicate that the bulletin is in a WMO-approved code.

II. Abbreviations

Abbreviations used in this handbook are defined in Appendices A and B.

ABUS1 KWBC

0217-0752 PE12H

National weather summary for the U.S.

Code: Plain Language

ABUS11 KWBC

0112 PE12H

Maximum/Minimum temperatures and precipitation for the past 24 hours and forecasts for weather and temperatures for the next two days for the following selected U.S. cities:

Albany	Austin	Brownsville
Albuquerque	Baltimore	Buffalo
Amarillo	Billings	Burlington, VT
Anchorage	Birmingham	Casper
Asheville	Bismarck	Charleston, SC
Atlanta	Boise	Charleston, WV
Atlantic City	Boston	

Code: Plain Language

ABUS12 KWBC

0112 PE12H

Max/Min temps and precip for the past 24 hours and forecasts for weather and temps for the next two days for the following selected U.S. cities:

Charlotte, NC	Dayton	Flagstaff
Cheyenne	Denver	Great Falls
Chicago	Des Moines	Hartford
Cincinnati	Detroit	Helena
Cleveland	Duluth	Honolulu
Columbia, SC	El Paso	Houston
Columbus, OH	Fairbanks	Indianapolis
Dallas-Ft Worth	Fargo	Jackson, MS

Code: Plain Language

ABUS13 KWBC

0112 PE12H

Max/Min temps and precip for the past 24 hours and forecasts for weather and temps for the next two days for the following selected U.S. cities:

Jacksonville	Miami Beach	Oklahoma City
Juneau	Midland Odessa	Omaha
Kansas City	Milwaukee	Orlando
Las Vegas	Minneapolis-St Paul	Philadelphia
Little Rock	Nashville	Phoenix
Los Angeles	New Orleans	Pittsburgh
Louisville	New York	Portland, ME
Lubbock	Norfolk, VA	
Memphis	North Platte	

Code: Plain Language

ABUS14 KWBC

Ø112 PE12H

Max/Min temps and precip for the past 24 hours and forecasts for weather and temps for the next two days for the following selected U.S. cities:

Portland, OR	San Antonio	Syracuse
Providence	San Diego	Topeka
Raleigh	San Francisco	Tucson
Rapid City	San Juan, PR	Tulsa
Reno	St Ste Marie	Washington
Richmond	Seattle	Wichita
St Louis	Shreveport	Evansville
St Petersburg-Tampa	Sioux Falls	
Salt Lake City	Spokane	

Code: Plain Language

ABUS15 KWBC

Variable

Amendments and corrections to ABUS11,12,13,14 KWBC.

Code: Plain Language

ABUS2 KWBC

Ø217-Ø752 PE12H

National weather summary for the U.S.

Code: Plain Language

ABUS21 KWBC

Local max/min temp and precip summary.

Code: Plain Language

ABUS22 KWBC

1000 PE12H

Weather story for the Virginia, Maryland and Delaware area.

Code: Plain Language

ABUS23 KWBC

Hourly

Present weather conditions and temps in Fahrenheit and Celsius for the following selected Western U.S. cities:

Albuquerque	Las Vegas	Salt Lake City
Anchorage	Los Angeles	San Diego
Boise	Medford	San Francisco
Casper	Pendleton	Seattle
Fairbanks	Phoenix	Spokane
Great Falls	Portland, OR	
Honolulu	Reno	

Code: Plain Language

ABUS24 KWBC

Hourly

Present weather conditions and temps in Fahrenheit and Celsius for the following selected Eastern U.S. cities:

Albany	Cleveland	New York
Atlanta	Detroit	Philadelphia
Boston	Hatteras	Pittsburgh
Buffalo	Jacksonville	Portland, ME
Caribou	Key West	Richmond
Charleston, SC	Knoxville	Tampa
Chattanooga	Macon	Washington, DC
Cincinnati	Miami	

Code: Plain Language

ABUS25 KWBC

Hourly

Present weather conditions and temps in Fahrenheit and Celsius for the following selected Central U.S. cities:

Birmingham	Kansas City	Omaha
Bismarck	Little Rock	Rapid City
Chicago	Louisville	St Louis
Denver	Memphis	Minneapolis/St Paul
Des Moines	Nashville	Sault Ste Marie
Fort Worth	New Orleans	San Antonio
Galveston	North Platte	
Indianapolis	Oklahoma City	

Code: Plain Language

ABUS26 KWBC

Hourly

Present weather conditions and temps in Fahrenheit and Celsius for the following selected cities in WMO Region IV:

Calgary	Mexico City	Kingston
Montreal	Acapulco	Nassau
Ottawa	Merida	San Juan
Regina	Bermuda	St Thomas
Toronto	Freeport	
Winnipeg	Havana	

Code: Plain Language

ABUS3 KWBC

0217-0752 PE12H

National weather summary for the U.S.

Code: Plain Language

ABUS4 KWBC

Variable

National holiday summary. A summary of state forecasts issued a day prior to the holiday.

Code: Plain Language

ABUS40 KWBC

0112 PE12H

Special 3-station abstract of ABUS11-14 KWBC. Contains Miami Beach, New York, and Washington, D.C.

Code: Plain Language

ABUS41 KWBC

Variable

Temps and precip for the Cumberland-Shenandoah District.

Code: Plain Language

ABUS5 KWBC

2100 Tuesday only

Agricultural highlights summary for the U.S.

Code: Plain Language

ABUS50 KWBC

Variable

Agricultural advisories for the Cumberland-Shenandoah District.

Code: Plain Language

ABUS51 KWBC

Tuesday 1700-2200

International crop report issued by the Department of Agriculture.

Code: Plain Language

ABUS6 KWBC

Variable

Correction to the national weather summary.

Code: Plain Language

ABXX11 KMIA

0000 Daily

Satellite tropical disturbance summary of weather activity over the tropical areas of the Atlantic Ocean as observed at approximately 08 and 20 GMT on visible channels of a scanning radiometer.

Code: Plain Language

ABXX11 KSFO

0000 Daily

Satellite tropical disturbance summary of weather activity over the tropical areas of the eastern Pacific Ocean as observed at approximately 08 and 20 GMT on visible channels of a scanning radiometer.

Code: Plain Language

ABXX12 KWBC

0100 Daily

Satellite tropical disturbance summary of weather activity over the tropical areas of the Indian Ocean as observed at approximately 12 and 18 GMT on infrared channels of a scanning radiometer.

Code: Plain Language

ABXX13 KWBC

0800 Daily

Satellite tropical disturbance summary of weather activity over the tropical areas of the central western Pacific and South Pacific Ocean as observed at approximately 19 and 02 GMT on visible channels of a scanning radiometer.

Code: Plain Language

ABXX14 KWBC

1200 Daily

Satellite tropical disturbance summary of weather activity over the tropical areas of the Indian Ocean as observed at approximately 00 and 06 GMT on visible channels of a scanning radiometer.

Code: Plain Language

ABXX15 KMIA

1300 Daily

Satellite tropical disturbance summary of weather activity over the tropical areas of the Atlantic Ocean as observed at approximately 21 and 07 GMT on infrared channels of a scanning radiometer.

Code: Plain Language

ABXX15 KSFO

1300 Daily

Satellite tropical disturbance summary of weather activity over the tropical areas of the eastern Pacific Ocean as observed at approximately 21 and 07 GMT on infrared channels of a scanning radiometer.

Code: Plain Language

ABXX16 KWBC

2000 Daily

Satellite tropical disturbance summary of weather activity over the tropical areas of the central western Pacific and south Pacific Ocean as observed at approximately 07 and 14 GMT on infrared channels of a scanning radiometer.

Code: Plain Language

ABXX5 KWBC

1531-0131 Daily

Canadian weather, max/min temperature, and precipitation table. Temps are in Fahrenheit and Celsius. The following cities in Canada are included:

Calgary
Edmonton
Montreal
Ottawa
Regina
Toronto
Vancouver
Winnipeg

Code: Plain Language

ABXX6 KWBC

1410 PE12H

Foreign temperature and weather: Temps are in Fahrenheit and Celsius. The following foreign cities

are included:

Aberdeen	Hong Kong	Sofia
Amsterdam	Jerusalem	Stockholm
Ankara	Lisbon	Sydney
Antigua	London	Taipei
Athens	Madrid	Teheran
Auckland	Malta	Tokyo
Berlin	Manila	Tunis
Beirut	Moscow	Vienna
Birmingham	New Delhi	Warsaw
Bonn	Nice	Asuncion
Brussels	Oslo	Buenos Aires
Cairo	Paris	Lima
Casablanca	Peking	Montevideo
Copenhagen	Rome	Rio de Janeiro
Dublin	Saigon	
Geneva	Seoul	

Code: Plain Language

ADXX1 KWBC**1200 PE12H**

Trajectory forecast NTS (Las Vegas). Air parcel trajectory forecasts from selected sites in the U.S., indicating levels in millibars, time, latitude and longitude. Contains stations:

UCC	ELY	SLC	WMC	PIH	RKS	MLF	GJT
NID							

Code: Plain Language

ADXX2 KWBC**1200 PE12H**

Trajectory forecast BNL (Brookhaven). Air parcel trajectory forecasts from selected sites in the U.S., indicating levels in millibars, time, latitude and longitude. Contains stations:

BOS	ALB	NHV	NYC	PHL	BWI	DCA	RIC
BUF	PIT	CVG	CHI	STL			

Code: Plain Language

ADXX3 KWBC**0000 PE12H**

Experimental trajectory forecast.

Code: Plain Language

AHYN1 KWBC

1600 Daily

Grid point values of five-day mean data for the Northern Hemisphere.

Code: Special Grid Point

AHYN2 KWBC

1600 Daily

Grid point values of five-day mean data for the Northern Hemisphere.

Code: Special Grid Point

AHYN3 KWBC

1600 Daily

Grid point values of five-day mean data for the Northern Hemisphere.

Code: Special Grid Point

AHYN4 KWBC

1600 Daily

Grid point values of five-day mean data for the Northern Hemisphere.

Code: Special Grid Point

ASNT20 KWBC

0000 PE6H

Surface map analysis for the north Atlantic Ocean. (Labeled Part III. Part I is WWNT20 KWBC. Part II is FPNT20 KWBC.)

Code: FM 45-IV (IAC)

ASUS1 KWBC

0000 PE6H

Surface weather analysis for the continental U.S., southern Canada, and the coastal areas of the Atlantic Ocean.

Code: FM 45-IV (IAC)

AXUS41 KWBC

0000 PE1H

Inter-station pressure gradients for SFO/SAC, SFO/WMC, SFO/EED, and LND/SLC.

Code: Plain Language

AXUS42 KWBC

0000 PE1H

Inter-station pressure gradients for LAX/SFO, LAX/SMX, LAX/BFL, and SBA/BFL.

Code: Plain Language

AXUS43 KWBC

0000 PE1H

Inter-station pressure gradients for SBA/SMX, LAX/WJF, LAX/DAG, and LAX/TPH.

Code: Plain Language

AXUS44 KWBC

0000 PE1H

Inter-station pressure gradients for LAX/TRM, SAN/IPL, MFR/BFL, and SAC/LAS.

Code: Plain Language

AXUS45 KWBC

0000 PE1H

Inter-station pressure gradients for SAN/LAS, SAN/LAX, SAN/NUC, and LAX/NSI.

Code: Plain Language

AXUS50 KWBC

0900 Daily

MOS agricultural weather guidance for the state of Indiana. Seasonal, April-October only.

Code: Plain Language

AXUS51 KWBC

0900 Daily

MOS agricultural weather guidance for the state of Michigan. Seasonal, April-October only.

Code: Plain Language

AXUS52 KWBC

0900 Daily

MOS agricultural weather guidance for the state of South Carolina. Seasonal, April-October only.

Code: Plain Language

AXUS53 KWBC

Daily

Agricultural bulletin for Kentucky.

Code: Plain Language

CONT1 KWBC

Variable Monthly

Monthly mean pressures for the north Atlantic Ocean areas.

Code: FM 73-VI (NACLI)

COPN1 KWBC

Variable Monthly

Monthly mean pressures for the north Pacific Ocean areas.

Code: FM 73-VI (CLINP)

CSAA1 KWBC

Variable Monthly

Monthly mean surface data of the following selected Antarctica stations:

88890	88903	88925	88938	88952	88958	89009	89022
89073	89125	89512	89542	89592	89606	95502	

Code: FM 71-VI (CLIMAT)

CSXX1 KWBC

Variable Monthly

Monthly mean surface data collective of the following selected Alaskan stations:

70026	70086	70133	70200	70219	70231	70261	70273
70308	70316	70326	70361	70381	70398		

Code: FM 71-VI (CLIMAT)

CSXX2 KWBC

Variable Monthly

Monthly mean surface data collective of the following selected continental U.S. stations:

72202	72206	72208	72219	72231	72250	72253	72266
72270	72278	72290	72304	72315	72327	72340	72353
72365	72386	72394	72405	72428	72429	72434	72445
72450	72469	72476	72483	72486	72494		

Code: FM 71-VI (CLIMAT)

CSXX3 KWBC

Variable Monthly

Monthly mean surface data collective of the following selected continental U.S. stations:

72503	72509	72528	72534	72546	72562	72572	72583
72597	72617	72655	72662	72666	72681	72698	72712
72734	72745	72747	72764	72775	72785	72792	72797

74492

Code: FM 71-VI (CLIMAT)

CSXX4 KWBC

Variable Monthly

Monthly mean surface data collective of the following selected stations in the Pacific and Caribbean areas:

78806	91066	91165	91182	91217	91245	91275	91285
91334	91348	91366	91376	91408	91413	91765	78501
78526							

Code: FM 71-VI (CLIMAT)

CUAA1 KWBC

Variable Monthly

Monthly mean upper air temp data for the following Antarctica stations:

88890	88952	89009	89022	89073	89125	89512	89542
89606	89664	89592					

Code: FM 75-VI (CLIMAT TEMP)

CUXX1 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations:

61902	61967	70026	70086	70133	70231	70261
-------	-------	-------	-------	-------	-------	-------

Code: FM 75-VI (CLIMAT TEMP)

CUXX2 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations:

70273	70308	70316	70326	70361	70398	70414	72203
72208							

Code: FM 75-VI (CLIMAT TEMP)

CUXX3 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations:

72232	72247	72250	72255	72270	72290	72304	72327
72349							

Code: FM 75-VI (CLIMAT TEMP)

CUXX4 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations:

72353	72403	72429	72476	72486	72493	72528	72562
72597							

Code: FM 75-VI (CLIMAT TEMP)

CUXX5 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations:

72655	72662	72681	72712	72734	72747	72764	72775
72785							

Code: FM 75-VI (CLIMAT TEMP)

CUXX6 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations:

72797	74494	78016	78501	78526	78806	91066	91165
91217							

Code: FM 75-VI (CLIMAT TEMP)

CUXX7 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations:

91245	91250	91275	91285	91334	91348	91366	91376
91408							

Code: FM 75-VI (CLIMAT TEMP)

CUXX8 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations:

91413	91765
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Code: FM 75-VI (CLIMAT TEMP)

CUXX8 KWBC

0400 Monthly

Monthly mean upper air temp data for the following U.S. stations: 91413 and 91765.

Code: FM 75-VI (CLIMAT TEMP)

CXUS30 KWBC

Weekly on Thursday

Drought Information Package.

Code: Plain Language

CXUS31 KWBC

Weekly on Thursday

Drought Information Package, a continuation of CXUS30 KWBC.

Code: Plain Language

CXUS32 KWBC

Weekly on Thursday

Drought Information Package, a continuation of CXUS31 KWBC.

Code: Plain Language

CXUS40 KWBC

Weekly on Tuesday

Palmer Drought Index.

Code: Plain Language

CXUS41 KWBC

Weekly on Tuesday

Palmer Drought Index, a continuation of CXUS40 KWBC.

Code: Plain Language

CXUS50 KWBC

Weekly

Crop Moisture Index.

Code: Plain Language

CXUS51 KWBC

Weekly

Crop Moisture Index, a continuation of CXUS50 KWBC.

Code: Plain Language

DFAK1 KWBC

1200 PE12H

Fall-out wind forecasts for 12, 18, and 24 hours for the following stations in Alaska:

BRW	BTI	OTZ	BTT	OME	BET	MCG	FAI	ANC
ORT	SNP	CDB	AKN	MDO	ADQ	YAK	JNU	ANN
SYA	ADK							

Code: Special Fall-out

DFCA1 KWBC

1200 PE12H

Fall-out wind forecasts for 12, 18, and 24 hours for San Juan, Puerto Rico (MJSJ).

Code: Special Fall-out

DFHW1 KWBC

1200 PE12H

Fall-out wind forecasts for 12, 18, and 24 hours for the following stations in Hawaii: ITO LIH.

Code: Special Fall-out

DFUS1 KWBC

1200 PE12H

Fall-out wind forecasts for 12, 18, and 24 hours for stations in the U.S. and selected Canadian stations.

Code: Special Fall-out

DFXX21 KWBC

As Required

Radioactive Debris Report.

Code: Plain Language

FANT1 KWBC

0000 PE6H

Significant weather forecast, valid at 00,06,12, & 18 GMT, for the North Atlantic Ocean (400 to 70 mb).

Code: Plain Language

FANT2 KWBC

0400 PE6H

12-Hour significant weather forecast for the Atlantic Ocean west of a line from 41N-67W to 32N-63W. Includes a synopsis, significant weather, icing, turbulence and outlook for the next 12-hr period (surface to 400 mb).

Code: Plain Language

FAPA1 KWBC

0000 PE6H

Significant weather forecast, valid at 00,06,12, & 18 GMT, for the area bounded by 46N-123W, 35N-120W, 25N-120W, 18N-142W, 18N-156W, 25N-156W, and 46N-137W. Coding is taken from a Mercator Projection (400 to 150 mb).

Code: Plain Language

FAUS KWBC

0040 PE12H

12-Hour area aviation forecast, with a 6-hour outlook, in which an overview of expected aviation weather is described. May include some or all of the following: thunderstorm activity; flight precautions including a low-level wind shear statement; synopsis; significant clouds and weather (sky condition, cloud heights, visibility, weather and/or obstructions to vision, and surface winds); Mountain passes (Alaska only); icing and freezing level; turbulence; and freezing level; turbulence; and the incorporation of current AIRMETs. The area covered includes:

Ohio
West Virginia
Maryland
Delaware
District of Columbia

Virginia
North Carolina
South Carolina
U.S. portion of Lake Erie
coastal waters

Code: Abbrev. Plain Language

FAUS KWBC

0040 PE12H

Area forecast for Ohio, adjacent Great Lakes, West Virginia, Maryland, District of Columbia, Delaware, Virginia, North Carolina, South Carolina and adjacent coastal waters. Includes a synopsis, significant clouds and weather, and icing.

Code: Plain Language

FAZZ1 KWBC

1040, 1740, 2240 Daily

TWEB (Transcribed Weather Broadcast). Route forecasts for the following routes:

032 DCA-BWI
033 ORF-SBY-PHL
034 ORF-DCA-HAR
035 DCA-CRW
036 ROA-EKN-PIT
037 DCA-ROA-TRI

Code: Plain Language

FAZZ2 KWBC

Variable as Needed

Aviation alert to amended or corrected TWEB.

Code: Plain Language

FAZZ3 KWBC

1040, 1740, 2240 Daily

Synopsis of weather in TWEB forecast area.

Code: Plain Language

FBNT1 KWBC

0000 PE12H

18-Hour wind and temperature forecast for 850, 700, 500, 300, 250 and 200 mb levels for the following areas:

30N-45W	35N-60W	40N-60W	45N-65W
30N-60W	35N-65W	40N-65W	45N-70W
30N-70W	35N-70W	40N-70W	
35N-40W	35N-75W	40N-75W	
35N-50W	40N-45W	45N-60W	

Code: FM 48-V (ARMET)

FBNT2 KWBC

0000 PE12H

24-Hour wind and temperature forecast for 850, 700, 500, 300, 250 and 200 mb levels for the areas listed in FBNT1 KWBC.

Code: FM 48-V (ARMET)

FBPA1 KWBC

0000 PE12H

18-Hour wind and temperature forecast for 850, 700, 500, 300, 250 and 200 mb levels for the following

areas:

15N-135W	30N-130W	35N-125W	40N-130W
20N-150W	30N-135W	35N-130W	40N-140W
25N-125W	30N-140W	35N-135W	
25N-140W	30N-145W	35N-140W	
30N-125W	30N-150W	35N-145W	

Code: FM 48-V (ARMET)

FBPA2 KWBC

0000 PE12H

24-Hour wind and temperature forecast for 850, 700, 500, 300, 250 and 200 mb levels for the areas listed in FBPA1 KWBC.

Code: FM 48-V (ARMET)

FCUS40 KWBC

0000 PE6H

Military recovery forecasts for the following stations:

KTCM KGFA KMIB KRDR KSAW KINR KLIZ KPBG KRME KOSC.

Code: PLATF (Modified)

FDAC KWBC

0000 PE12H

1000 mb 24- and 36-hour wind forecast for the area 170E-90W, 65N-80N. wind speed is in knots.

Code: Plain Language

FDAK1 KWBC

0550 PE12H

6-Hour forecast of winds and temperatures at various levels from 3000 to 39,000 feet for the following 20 stations and 5 latitude and longitude points in the Alaskan area:

BRW	BTI	OTZ	BTT	OME	BET	MCG	FAI
ANC	ORT	SNT	CBD	AKN	MDO	ADQ	YAK
JNU	ANN	SYA	ADK	FYU			

37N-156W
42N-158W
35N-152W
45N-154W
55N-155W

Code: FM 48-V (ARMET)

FDAK2 KWBC

0550 PE12H

12-Hour forecast of winds and temperatures at various levels from 3000 to 39,000 feet for the 20 stations and 5 latitude and longitude points listed in FDAK1 KWBC.

Code: FM 48-V (ARMET)

FDAK3 KWBC

0550 PE12H

24-Hour forecast of winds and temperatures at various levels from 3000 to 39,000 feet for the 20 stations and 5 latitude and longitude points listed in FDAK1 KWBC.

Code: FM 48-V (ARMET)

FDAK4 KWBC

1200 Daily

1000 mb PE winds for 32 grid points in Alaska. Forecasts are for 12-hour intervals up to 48 hours.

Code: Special Grid

FDCA1 KWBC

0530 and 1800

18-Hour winds aloft forecast containing winds and temperatures for 300, 250, 200, 150 and 100 mb levels for the following grid points:

05N-65W	10N-85W	20N-70W	25N-90W
05N-70W	15N-60W	20N-75W	25N-95W
05N-75W	15N-65W	20N-80W	30N-65W
05N-80W	15N-70W	20N-85W	30N-70W
10N-60W	15N-75W	25N-65W	30N-75W
10N-65W	15N-80W	25N-70W	35N-65W
10N-70W	15N-85W	25N-75W	35N-70W
10N-75W	20N-60W	25N-80W	40N-65W
10N-80W	20N-65W	25N-85W	40N-70W

Code: FM 48-V (ARMET)

FDCA2 KWBC

0530 and 1800

24-Hour winds aloft forecast containing winds and temperatures for 300, 250, 200, 150 and 100 mb levels for the following grid points:

05N-65W	10N-85W	20N-70W	25N-90W
05N-70W	15N-60W	20N-75W	25N-95W
05N-75W	15N-65W	20N-80W	30N-65W
05N-80W	15N-70W	20N-85W	30N-70W
10N-60W	15N-75W	25N-65W	30N-75W
10N-65W	15N-80W	25N-70W	35N-65W
10N-70W	15N-85W	25N-75W	35N-70W
10N-75W	20N-60W	25N-80W	40N-65W
10N-80W	20N-65W	25N-85W	40N-70W

Code: FM 48-V (ARMET)

FDCA3 KWBC

0530 and 1800

18-Hour winds aloft forecast containing winds and temperatures for 850, 700, 500, and 400 mb levels for the following grid points:

10N-60W	20N-60W	25N-70W	30N-70W
10N-80W	20N-65W	25N-75W	30N-75W
15N-60W	20N-70W	25N-80W	35N-65W
15N-65W	20N-75W	25N-85W	35N-70W
15N-70W	20N-80W	25N-90W	35N-75W
15N-75W	20N-85W	25N-95W	40N-70W
15N-80W	25N-65W	30N-65W	

Code: FM 48-V (ARMET)

FDCA4 KWBC

0530 and 1800

24-Hour winds aloft forecast containing winds and temperatures for 850, 700, 500, and 400 mb for the following grid points:

10N-60W	20N-60W	25N-70W	30N-75W
10N-80W	20N-65W	25N-75W	35N-65W
15N-60W	20N-70W	25N-80W	35N-70W
15N-65W	20N-75W	25N-85W	35N-75W
15N-70W	20N-80W	25N-90W	40N-70W
15N-75W	20N-85W	25N-95W	
15N-80W	25N-65W	30N-70W	

Code: FM 48-V (ARMET)

FDCA5 KWBC

0530 and 1800

18-Hour winds aloft forecast containing winds and temperatures for 700, 500, and 400 mb levels for the following grid points:

05S-40W	EQ-55W	05N-70W	10N-70W
05S-45W	05N-45W	05N-75W	10N-75W
05S-50W	05N-50W	05N-80W	15N-55W
EQ-40W	05N-55W	10N-50W	
EQ-45W	05N-60W	10N-55W	
EQ-50W	05N-65W	10N-65W	

Code: FM 48-V (ARMET)

FDCA6 KWBC

0530 and 1800

24-Hour winds aloft forecast containing winds and temperatures for 700, 500, and 400 mb levels for the following grid points:

05S-40W	EQ-55W	05N-70W	10N-70W
05S-45W	05N-45W	05N-75W	10N-75W
05S-50W	05N-50W	05N-80W	15N-55W
EQ-40W	05N-55W	10N-50W	
EQ-45W	05N-60W	10N-55W	
EQ-50W	05N-65W	10N-65W	

Code: FM 48-V (ARMET)

FDCN1 KWBC

0550 PE12H

6-Hour winds aloft forecast containing winds and temperatures for 24, 30, 34, and 39 thousand feet levels for selected Canadian stations.

Code: Special Grid Point

FDCN2 KWBC

0550 PE12H

12-Hour winds aloft forecast containing winds and temperatures for 24, 30, 34, and 39 thousand feet levels for selected Canadian stations.

Code: Special Grid Point

FDCN3 KWBC

0550 PE12H

24-Hour winds aloft forecast containing winds and temperatures for 24, 30, 34, and 39 thousand feet levels for selected Canadian stations.

Code: Special Grid Point

FDCN40 KWBC

0550 PE12H

6-Hour winds aloft forecast, specially prepared for Alaska, containing winds and temperatures for 24, 30, 34, and 39 thousand feet levels for the following selected Canadian stations:

YZP	YZT	YPU	YXS	YYD	YDL	YEG	YXJ
YYE	YZH	YXY	YDB	YMA	YOC	YEV	YVQ
YVR	YYF	YXC	YYC				

Code: Special Grid Point

FDCN41 KWBC

Ø55Ø PE12H

12-Hour winds aloft forecast, specially prepared for Alaska, containing winds and temperatures for 24, 3Ø, 34, and 39 thousand feet levels for the following selected Canadian stations:

YZP	YZT	YPU	YXS	YYD	YDL	YEG	YXJ
YYE	YQH	YXY	YDB	YMA	YOC	YEV	YVQ
YVR	YYF	YXC	YYC				

Code: Special Grid Point

FDCN42 KWBC

Ø55Ø PE12H

24-Hour winds aloft forecast, specially prepared for Alaska, containing winds and temperatures for 24, 3Ø, 34, and 39 thousand feet levels of the following selected Canadian stations:

YZP	YZT	YPU	YXS	YYD	YEG	YXJ	YYE
YQH	YXY	YDB	YMA	YOC	YEV	YVQ	YVR
YYF	YXC	YYC					

Code: Special Grid Point

FDUS10 KWBC

Ø545 PE12H

24-Hour wind and temperature forecast for the 15Ø and 1ØØ mb levels for the U.S.

Code: Special Grid Point

FDUS11 KWBC

Ø545 PE12H

6-Hour winds aloft forecast containing winds and temperatures for 3, 6, 9, 12, 18, 24, 3Ø, 34, and 39 thousand feet levels for the U.S. (contains 99 selected stations).

Code: Special Grid Point

FDUS12 KWBC

Ø545 PE12H

6-Hour winds aloft forecast containing winds and temperatures for 3, 6, 9, 12, 18, 24, 3Ø, 34, and 39 thousand feet levels for the U.S. (contains 77 selected stations).

Code: Special Grid Point

FDUS13 KWBC

0545 PE12H

12-Hour winds aloft forecast containing winds and temperatures for 3, 6, 9, 12, 18, 24, 30, 34, and 39 thousand feet levels for the U.S. (contains 99 selected stations).

Code: Special Grid Point

FDUS14 KWBC

0545 PE12H

12-Hour winds aloft forecast containing winds and temperatures for 3, 6, 9, 12, 18, 24, 30, 34, and 39 thousand feet levels for the U.S. (contains 77 selected stations).

Code: Special Grid Point

FDUS15 KWBC

0545 PE12H

24-Hour winds aloft forecast containing winds and temperatures for 3, 6, 9, 12, 18, 24, 30, 34, and 39 thousand feet levels for the U.S. (contains 77 selected stations).

Code: Special Grid Point

FDUS16 KWBC

0545 PE12H

24-Hour winds aloft forecast containing winds and temperatures for 3, 6, 9, 12, 18, 24, 30, 34, and 39 thousand feet levels for the U.S. (contains 77 selected stations).

Code: Special Grid Point

FDUS4 KWBC

0000 PE12H

18-Hour winds aloft forecast containing winds and temperatures for 300, 250, 200, 150 and 100 mb levels for the following grid points:

25N-80W	35N-80W	35N-115W	40N-100W
30N-80W	35N-85W	35N-120W	45N-70W
30N-85W	35N-90W	40N-75W	45N-75W
30N-90W	35N-95W	40N-80W	45N-80W
30N-95W	35N-100W	40N-85W	45N-85W
30N-100W	35N-105W	40N-90W	
35N-75W	35N-110W	40N-95W	

Code: FM 48-V (ARMET)

FDUS5 KWBC

0000 PE12H

24-Hour winds aloft forecast containing winds and temperatures for 300, 250, 200, 150 and 100 mb levels for the following grid points:

25N-80W	35N-80W	35N-115W	40N-100W
30N-80W	35N-85W	35N-120W	45N-70W
30N-85W	35N-90W	40N-75W	45N-75W
30N-90W	35N-95W	40N-80W	45N-80W
30N-95W	35N-100W	40N-85W	45N-85W
30N-100W	35N-105W	40N-90W	
35N-75W	35N-110W	40N-95W	

Code: FM 48-V (ARMET)

FDUS6 KWBC

0000 PE12H

18-Hour winds aloft forecast containing winds and temperatures for 700, 500, and 400 mb levels for the following grid points:

30N-80W	35N-85W	35N-115W	40N-95W
30N-85W	35N-90W	35N-120W	40N-100W
30N-90W	35N-95W	40N-75W	45N-70W
30N-95W	35N-100W	40N-80W	
30N-100W	35N-105W	40N-85W	
35N-80W	35N-110W	40N-90W	

Code: FM 48-V (ARMET)

FDUS7 KWBC

0000 PE12H

24-Hour winds aloft forecast containing winds and temperatures for 700, 500, and 400 mb levels for the following grid points:

30N-80W	35N-85W	35N-115W	40N-95W
30N-85W	35N-90W	35N-120W	40N-100W
30N-90W	35N-95W	40N-75W	45N-75W
30N-95W	35N-100W	40N-80W	
30N-100W	35N-105W	40N-85W	
35N-80W	35N-110W	40N-90W	

Code: FM 48-V (ARMET)

FDUS8 KWBC

0545 PE12H

6-Hour wind and temperature forecast for the 150 and 100 mb levels for the U.S.

Code: Special Grid Point

FDUS9 KWBC

0545 PE12H

12-Hour wind and temperature forecast for the 150 and 100 mb levels for the U.S.

Code: Special Grid Point**FENA20 KWBC**

Variable Bimonthly

30-Day forecast for North America.

Code: Plain Language

FEUS1 KWBC

2300 Daily

5-Day extended outlook for Maryland and Delaware.

Code: Plain Language

FEUS2 KWBC

2300 Daily

Consolidated 5-day extended outlook for Atlanta, Raleigh, and Miami.

Code: Plain Language

FEUS40 KWBC

2300 Daily

6- to 10-Day extended outlook of expected temperatures and precipitation for the U.S. (discussion and table format).

Code: Plain Language

FEUS41 KWBC

2300 Daily

5-Day extended outlook for Virginia.

Code: Plain Language

FEUS9 KWBC

90-Day Temperature Outlook (Seasonal Outlook) for the U.S.

Code: Plain Language

FJUS1 KWBC

Variable

Strata-Alert for the Western Hemisphere.

Code: Plain Language

FKUS1 KWBC

1720 Daily

Air stagnation data for the following selected U.S. stations:

70200	70261	70273	72201	72203	72208	72210	72213
72220	72228	72229	72232	72235	72240	72243	72247
72250	72255						

Code: Special

FKUS2 KWBC

1240 Daily

Air stagnation narrative forecast for the U.S.

Code: Plain Language

FMAK1 KWBC

0000 PE12H

Alaskan MOS forecast containing Probability of Precipitation (PoP), Conditional Probability of Frozen Precipitation (PoF), max/min temps and surface winds for the following 14 stations in Alaska:

ANC	ANN	BRW	BTI	BET	CDB	FAI	JNU
AKN	OTZ	MCG	OME	SNP	YAK		

Code: Plain Language

FMUS40 KWBC

0000 PE12H

Bonneville MOS (Model Output Statistics) forecast of expected max/min temps, PoP, and QPF (Quantitative Precipitation Forecast). Contains western U.S. stations.

Code: Plain Language

FMUS41 KWBC

0000 PE12H

Bonneville MOS forecast of expected max/min temps, PoP, and QPF. Contains northwestern U.S. stations.

Code: Plain Language

FMUS42 KWBC

0000 PE12H

Bonneville MOS forecast of expected max/min temps, PoP, and QPF. Contains southwestern U.S. stations.

Code: Plain Language

FMUS43 KWBC

0000 PE24H

3-Hour temperature forecast prepared especially for hydro stations in New England area. Contains the following selected U.S. stations:

CAR	LGA	BGR	ALB	BTW	MSS	BDL	ROC	BDR
BUF	BOS	CON						

Code: Plain Language

FMUS44 KWBC

1200 Daily

Automated Convective Gust Potential (CGP) forecast.

Code: Plain Language

FMUS45 KWBC

1730 Thursdays

TVA mid-range maximum temperature outlook for 5 days. Includes a discussion of significant weather, probability of precipitation, and the highest maximum temperatures for the following Tennessee stations:

MEM	BNA	CHA	KNX
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Code: Plain Language

FOUS12 KWBC

0000 PE12H

Automated surface temperature guidance forecasts for a possible 267 stations in the continental U.S. for specific times, (6,12,18,...48 hours in advance), which forecasters use in estimating the diurnal temperature curve. The bulletin contains probability of precipitation (PoP), quantitative precipitation (QPF), thunderstorm probabilities (TSTM), probability of precipitation amount (PoPT), probability of heavy snow (PoSH), max/min temperatures (MX/MN), 3-hourly temperatures (TEMP), 3- hourly dew points (DEWPT), surface winds (WIND), probability of cloud amount categories (CLCDS), probability of ceiling height categories (CIG), probability of visibility categories (VIS), best category of ceiling and visibility (C/V), and probability of nonprecipitating obstructions to vision (OBVIS).

Code: Special

FOUS15 KWBC

0000 PE12H

24-Hour forecast of boundary-layer winds and precipitation amounts for the Alaskan area.

Code: Grid Point

FOUS16 KWBC

0000 PE12H

36-Hour forecast of boundary-layer winds and precipitation amounts for the Alaskan area.

Code: Grid Point

FOUS17 KWBC

0000 PE12H

48-Hour forecast of boundary-layer winds and precipitation amounts for the Alaskan area.

Code: Grid Point

FOUS20 KWBC

0000 PE12H

MOS guidance forecasts, (for periods of 12,18,24... up to 48 hours in advance), which contain the probability of precipitation (PoP) and quantitative precipitation forecast (QPF) for about 200 U.S. stations.

Code: Special

FOUS22 KWBC

0000 PE12H

Forecasts of the calendar day max/min temperatures, the probability of precipitation, and the probability of frozen precipitation, based on output from the LFM model and on observational data. The 0400 and 1600 transmissions are produced solely by the use of the MOS technique. The 0700 and 1900 transmissions include all of the above plus 72-hour max/min forecasts generated from spectral model output that is used in 'perfect prog' forecast equations.

Code: Plain Language

FOUS30 KWBC

0800 Daily

Excessive rainfall potential outlook. Indicates area(s) with potential for excessive rainfall. For a 24-hour period.

Code: Plain Language

FOUS31 KWBC

Unscheduled

Special excessive rainfall discussion. Indicates area(s) with potential for excessive rainfall.

Code: Plain Language

FOUS40 KWBC

0000 PE12H

LFM freezing levels and relative humidity for the following selected Eastern U.S. and Canadian stations:

CON	AFA	9B6	ALB	BTV	BOS	LGA	PHL	IPT
DCA	ORF	RDU	HAT	ILM	C7H	BUF	PIT	CLE
DAY	CRW	CAE	YQB	YOW	YMW	YYB	PWM	CAR
BGR								

Code: Plain Language

FOUS41 KWBC

0000 PE12H

LFM freezing levels and relative humidity for the following selected Southern U.S. and Gulf of Mexico stations:

LAL	X68	TLH	3J2	BHM	MOB	JAN	NEW	SHV
LIT	MEM	BNA	OKC	DFW	SAT	HOU	BRO	DRT
SAV	ATL	MIA	LBB	ELP	ABQ			
G2GFA	G2GFB	G2GFC	G2GFD	G2GFE	G2GFF			

Code: Plain Language

FOUS42 KWBC

0000 PE12H

LFM freezing levels and relative humidity for the following selected Central U.S. and Canadian stations:

IND	DET	SSM	MKE	MSP	INL	ORD	DSM	TOP
DDC	OMA	LBF	BFF	BIS	FSD	RAP	CYS	DEN
YLH	YQT	YWG	YQD	YPA	YQR	STL	SDF	TYS

Code: Plain Language

FOUS43 KWBC

0000 PE12H

LFM freezing levels and relative humidity for the following selected Western U.S. and Canadian stations:

BOI	PIH	GTF	BIL	MSO	SFO	FAT	LAX	EDW
RNO	UCC	SLC	CDC	PHX	YEG	YYC	MCD	YRV
YXC	YCG	YVR	YXS	SEA	GEG	PDX	MFR	

Code: Plain Language

FOUS50 KWBC

0000 PE12H

Trajectory forecast guidance. 24-hour forecast of temp and dew point, plus a stability (K) index with 6-hour positions of trajectories which terminate at SFC, 850 and 700 mb for the following selected cities:

SFO	MFR	PDX	SEA	YKM	GEG	BOI	GTF
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Code: Special

FOUS51 KWBC

0000 PE12H

Trajectory forecast guidance. 24-hour forecast of temp and dew point, plus a stability (K) index with 6-hour positions of trajectories which terminate at SFC, 850 and 700 mb for the following selected cities:

BIL	LND	DEN	RAP	BIS	LBF	INL	MSP	DSM
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Special

FOUS52 KWBC

0000 PE12H

Trajectory forecast guidance. 24-hour forecast of temp and dew point, plus a stability (K) index with 6-hour positions of trajectories which terminate at SFC, 850 and 700 mb for the following selected sites:

GRB	PIA	SSM	FNT	IND	LOU	CLE	CRW	PIT
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Special

FOUS53 KWBC

0000 PE12H

Trajectory forecast guidance. 24-hour forecast of temp and dew point, plus a stability (K) index with 6-hour positions of trajectories which terminate at SFC, 850 and 700 mb for the following selected cities:

DCA	IPT	BUF	BTW	ALB	LGA	CAR	PWM	BOS
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Special

FOUS54 KWBC

0000 PE12H

Trajectory forecast guidance. 24-hour forecast of temp and dew point, plus a stability (K) index with 6-hour positions of trajectories which terminate at SFC, 850 and 700 mb for the following selected cities:

SFO	MFR	RNO	LAX	SAN	UCC	PIH	SLC	PHX
DEN								

Code: Special

FOUS55 KWBC

0000 PE12H

Trajectory forecast guidance. 24-hour forecast of temp and dew point, plus a stability (K) index with 6-hour positions of trajectories which terminate at SFC, 850 and 700 mb for the following selected cities:

ALS	ELP	DDC	LBB	OKC	FTW	SAT	BRO
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Code: Special

FOUS56 KWBC

0000 PE12H

Trajectory forecast guidance. 24-hour forecast of temp and dew point, plus a stability (K) index with 6-hour positions of trajectories which terminate at SFC, 850 and 700 mb for the following selected cities:

TOP	UMN	STL	LIT	MEM	HOU	MSY	JAN	BHM
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Special

FOUS57 KWBC

0000 PE12H

Trajectory forecast guidance. 24-hour forecast of temp and dew point, plus a stability (K) index with 6-hour positions of trajectories which terminate at SFC, 850 and 700 mb for the following selected cities:

LOU TYS GSO ILM ATL CAE TLH LAL MIA

Code: Special

FOUS60 KWBC

0644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

CON AFA 9B6 PWM CAR BGR

Code: Special

FOUS61 KWBC

0644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

PHL JFK IPT ALB BTV BOS

Code: Special

FOUS62 KWBC

0644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

RDU HAT ILM C7H DCA ORF

Code: Special

FOUS63 KWBC

0644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

MIA LAL TLH 3J2 CAE SAV

Code: Special

FOUS64 KWBC

0644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

DAY	CRW	IND	BUF	PIT	CLE
-----	-----	-----	-----	-----	-----

Code: Special

FOUS65 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

BNA	TYS	ATL	STL	SDF	MEM
-----	-----	-----	-----	-----	-----

Code: Special

FOUS66 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

NEW	SHV	LIT	BHM	MOB	JAN
-----	-----	-----	-----	-----	-----

Code: Special

FOUS67 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

MSP	INL	ORD	DTW	SSM	MKE
-----	-----	-----	-----	-----	-----

Code: Special

FOUS68 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

OMA	LBF	BFF	DSM	TOP	DDC
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Code: Special

FOUS69 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

HOU	BRO	DRT	OKC	DFW	SAT
-----	-----	-----	-----	-----	-----

Code: Special

FOUS70 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

GTF	BIL	MSO	BIS	FSD	RAP
-----	-----	-----	-----	-----	-----

Code: Special

FOUS71 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

PHX	DEN	CYS	LBB	ELP	ABQ
-----	-----	-----	-----	-----	-----

Code: Special

FOUS72 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

MFR	BOI	PIH	SEA	GEG	PDX
-----	-----	-----	-----	-----	-----

Code: Special

FOUS73 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

RNO	SLC	CDC	SFO	FAT	LAX
-----	-----	-----	-----	-----	-----

Code: Special

FOUS74 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

YYB	YLH	YQT	YQB	YOW	YMW
-----	-----	-----	-----	-----	-----

Code: Special

FOUS75 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

YPA	YYC	YEG	YWG	YQD	YQR
-----	-----	-----	-----	-----	-----

Code: Special

FOUS76 KWBC

Ø644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

YCG YVR YXS MCD YRV YXC

Code: Special

FOUS77 KWBC

0644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

G2GFC G2GFD G2GFE G2GFF G2GFA G2GFB

Code: Special

FOUS78 KWBC

0644 PE12H

12-Hour detailed guidance on several forecast parameters at 6-hour intervals for the following stations:

X68 EDW UCC BTNM3 LGIN6

Code: Special

FOUS80 KWBC

0000, 1500, 1800, 2100

Severe weather and general thunderstorm probability forecast for the U.S., verifying in two to six hours.

Code: Grid Point

FOXX40 KWBC

0400 PE12H

Model Output Statistics (MOS) for Savannah River Project winds and turbulence.

Code: Special

FPNT20 KWBC

0000 PE6H

North Atlantic Marine forecast. (Labeled Part II. Part I is WWNT20 KWBC. Part III is ASNT20 KWBC.)

Code: Plain Language

FPUS1 KWBC

0420, 1010, 2210

State public forecast for Maryland, Delaware, Virginia and the District of Columbia. (Amendments at 1610)

Code: Plain Language

FPUS10 KWBC

1100 PE12H

Travelers forecasts of expected weather and max/min temps for the following selected U.S. cities:

Albany	Detroit	New York
Anchorage	Honolulu	Oklahoma City
Atlanta	Kansas City	Phoenix
Billings	Las Vegas	Raleigh
Boise	Los Angeles	Rapid City
Boston	Louisville	Salt Lake City
Chicago	Memphis	San Antonio
Columbus, OH	Miami Beach	San Francisco
Dallas/Ft. Worth	Minneapolis/St. Paul	Seattle
Denver	New Orleans	Washington, DC

Code: Plain Language

FPUS11 KWBC

1100 PE12H

Travelers forecast summary for the Mid-Atlantic, Great Lakes, Ohio Valley, and central northeast Plains areas.

Code: Plain Language

FPUS12 KWBC

1100 PE12H

Selected cities weather summary forecasts of expected weather and max/min temps for the following selected U.S. cities:

Albany	Denver	New York
Anchorage	Detroit	Norfolk, VA
Atlanta	Great Falls	Oklahoma City
Atlantic City	Hartford	Orlando
Boston	Honolulu	Philadelphia
Buffalo	Houston	Phoenix
Burlington, VT	Kansas City	Pittsburgh
Charleston, WV	Las Vegas	Portland, ME
Charlotte, NC	Los Angeles	Portland, OR
Chicago	Miami Beach	Reno
Cleveland	Minneapolis/St. Paul	
Dallas/Ft. Worth	New Orleans	

Code: Plain Language

FPUS13 KWBC

1100 PE12H

Selected cities weather summary forecasts of expected weather and max/min temps for the following selected U.S. cities:

St. Petersburg/Tampa
Salt Lake City
San Diego

San Francisco
San Juan, PR
Seattle

Spokane
Syracuse
Washington, DC

Code: Plain Language

FPUS2 KWBC

1010 PE12H

A collective of miscellaneous state public forecasts for the following states:

AL AZ AR CA CO GA ID IA KS KY LA MS MO MT NE
NV NM ND OK OR SD TN TX UT WA WY

Code: Plain Language

FPUS3 KWBC

0900 and 2100 Daily

An explanation of weather features responsible for the present weather and forecast for the Maryland, Delaware, DC and Virginia area for the following 36 to 48 hours. (Update at 1400 if needed).

Code: Plain Language

FPUS4 KWBC

0958 PE12H

Simplified Coded cities forecasts of expected weather and max/min temps for:

BWI DCA RIC ORF

Code: Plain Language

FPUS40 KWBC

1515 Daily

TVA forecast of dewpoint, cloud cover, wind, precipitation, and temperatures for the following Tennessee stations:

KNX CHA BNA MEM

Code: Plain Language

FPUS41 KWBC

1845 Daily

TVA Daily forecast update of significant weather and clouds, precipitation, and temperatures for the following Tennessee stations:

KNX CHA BNA MEM

Code: Plain Language

FPUS5 KWBC

0215 PE6H

Zone forecasts for Maryland, Delaware, and Virginia.

Code: Plain Language

FPUS6 KWBC

Twice Monthly

National 30-day weather outlook.

Code: Plain Language

FPUS90 KWBC

0330 Daily

Matrix of MOS weather forecasts arranged by station. For use on the KCRT system only.

Code: Plain Language

FPUS91 KWBC

0330 Daily

Computer-worded public forecast discussion from information contained in FPUS90 KWBC and FPUS92 KWBC. For use on the KCRT and AFOS systems only.

Code: Plain Language

FPUS92 KWBC

0330 Daily

Matrix of MOS weather forecasts arranged by station. For use on the AFOS system only.

Code: Plain Language

FSAK KWBC

Variable

Extended forecast guidance for Alaska.

Code: Plain Language

FSNA20 KWBC

0000 PE12H

36-Hour surface prognostic analysis showing pressure systems, fronts, and isobars for area 20N-90N and 25W-155W and a Pacific section with fronts and centers only for an area 15N-65N and 155W-150E.

Code: FM 45-IV (IAC)

FSNT3 KWBC

0000 PE12H

24-Hour surface pressure forecast for the north Atlantic, north Africa, Europe and eastern Asia.

Code: Grid Point (NMC Octagon Grid)

FSNT4 KWBC

0000 PE12H

48-Hour surface pressure forecast for the North Atlantic, North Africa, Europe and Eastern Asia.

Code: Grid Point (NMC Octagon Grid)

FSNT5 KWBC

0000 Daily

72-Hour surface pressure forecast for the north Atlantic, north Africa, Europe and eastern Asia.

Code: Grid Point

FSUS1 KWBC

0600 Daily

48-Hour surface prognostic analysis.

Code: FM 45-IV (IAC)

FSUS2 KWBC

0000 PE6H

12-Hour surface prognostic analysis.

Code: FM 45-IV (IAC)

FSUS4 KWBC

0000 Daily

Surface analysis.

Code: FM 45 (IAC) and FM 46 (IAC FLEET)

FSUS40 KWBC

Bonneville MOS forecast of surface winds and temperatures for 3 northwest U.S. stations: Spokane, Portland, and Seattle.

FSXX89 KWBC

0600 Daily

00-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX90 KWBC

0600 Daily

24-Hour Northern Hemisphere forecast of 1000 mb, heights, specially prepared for the military.

Code: Special

FSXX91 KWBC

0600 Daily

48-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX92 KWBC

0600 Daily

72-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX93 KWBC

0600 Daily

96-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX94 KWBC

0600 Daily

120-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX95 KWBC

0600 Daily

144-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX96 KWBC

0600 Daily

168-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX97 KWBC

0600 Daily

192-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX98 KWBC

0600 Daily

216-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FSXX99 KWBC

0600 Daily

240-Hour Northern Hemisphere forecast of 1000 mb heights, specially prepared for the military.

Code: Special

FTUS1 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

AUG BGR BOS CAR CON LEB ORH PVD PWM

Code: Domestic terminal forecast format

FTUS10 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BIS BJI BRD DIK DLH FAR GFK INL ISN
JMS MOT

Code: Domestic terminal forecast format

FTUS11 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ABR ATY AXN FSD HON MSP PIR RAP RST

Code: Domestic terminal forecast format

FTUS12 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BIL	BTM	BZN	CTB	FCA	GGW	GTF	HLN	HVR
LWT	MLS							

Code: Domestic terminal forecast format

FTUS13 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ALW	BLI	EAT	EPH	GEG	HQM	LWS	MSO	OLM
SEA	YKM							

Code: Domestic terminal forecast format

FTUS14 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BFL	FAT	OAK	RBL	SAC	SCK	SFO	SJC	SMF
ACV								

Code: Domestic terminal forecast format

FTUS15 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

AST	BKE	DLS	EUG	LMT	MFR	OTH	PDT	PDX
RDM	SLE	TTD						

Code: Domestic terminal forecast format

FTUS16 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BOI	OGD	PIH	RNO	SLC	TPH	TWF		
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Code: Domestic terminal forecast format

FTUS17 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

COS	CPR	CYS	DEN	GJT	LND	PUB	RWL	SHR
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Domestic terminal forecast format

FTUS18 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BUR	DAG	EED	LAS	LAX	LGB	ONT	PMD	SAN
YUM	WJF							

Code: Domestic terminal forecast format

FTUS19 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BRL	CNU	COU	DBQ	GCK	JLN	MCI	MKC	OMA
SGF	STL							

Code: Domestic terminal forecast format

FTUS2 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ALB	BDL	BDR	BTW	GFL	HPN	MPV	MSS	POU
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Domestic terminal forecast format

FTUS20 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

DDC	DSM	ICT	LNK	MCW	OTM	STJ	SUX	TOP
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Domestic terminal forecast format

FTUS21 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ALO	CID	CGI	GLD	GRI	HUT	LBF	OFK	SLN
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Domestic terminal forecast format

FTUS22 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BWI	BKW	BLF	CHO	CRW	DAN	EKN	HTS	LYH
MRB								

Code: Domestic terminal forecast format

FTUS23 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

DCA IAD ILG ORF PHF PKB RIC ROA SBY

Code: Domestic terminal forecast format

FTUS24 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ATL BHM CAE CHS CLT ILM RDU SAV SHV

Code: Domestic terminal forecast format

FTUS25 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

DAB EYW JAX MIA MCO PBI TLH TPA
ILL

Code: Domestic terminal forecast format

FTUS26 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BNA CHA LEX LOZ MEM SDF TYS

Code: Domestic terminal forecast format

FTUS27 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BTR DAL DFW GSW JAN LCH MEI MOB MSY
OKC TUL

Code: Domestic terminal forecast format

FTUS28 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ABI ABQ AMA DUG ELP LBB MAF PHX TUS

Code: Domestic terminal forecast format

FTUS29 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

AUS BRO CRP DRT HOU HRL IAH LOI MFE
SAT

Code: Domestic terminal forecast format

FTUS3 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ART BGM BUF ELM IAG ROC SYR UCA

Code: Domestic terminal forecast format

FTUS30 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

SFO OAK SJC SCK SMF FAT RNO

Code: Domestic terminal forecast format

FTUS31 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

LAX LGB SAN ONT PMD LAS WJF

Code: Domestic terminal forecast format

FTUS32 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

SEA BFI PDX GEG

Code: Domestic terminal forecast format

FTUS33 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

PHX	SAT	IAH	DAL	MSY	SLC	DEN	OMA	DSM
DFW								

Code: Domestic terminal forecast format

FTUS34 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

STL	MSP	MKE	ORD	DTW	IND	CMH	PIT	
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Code: Domestic terminal forecast format

FTUS35 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

CLE	SYR	JFK	EWR	BDL	BOS	PHL	IAD	BAL
RIC								

Code: Domestic terminal forecast format

FTUS36 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BFL	BIL	BOI	BUR	CPR	CYS	DEN	FAR	GJT
GTF								

Code: Domestic terminal forecast format

FTUS37 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

HON	MLS	MSP	PIH	PUB	RAP	RST	SLC	YKM
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Domestic terminal forecast format

FTUS38 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ABQ ACY DUG ELP PHL PHX TUS

Code: Domestic terminal forecast format

FTUS39 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

CAK CMH CVG DAY DCA FWA MLI ROA SBN
SPI

Code: Domestic terminal forecast format

FTUS4 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ABE ACY EWR ISP JFK LGA PHL PNE RDG
TEB

Code: Domestic terminal forecast format

FTUS40 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BAL BDL EWR IAD JFK LGA RIC BOS

Code: Domestic terminal forecast format

FTUS41 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

CLE IND MDW MKE ORD ORF

Code: Domestic terminal forecast format

FTUS42 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

JAC LAR RKS BFF WRL BCE CYS CDC EKO
ELY IDA

Code: Domestic terminal forecast format

FTUS43 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BFI PSP SNS SBA ROW INW

Code: Domestic terminal forecast format

FTUS44 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ACT AVL ECG EWN GLS GSO HKY INT RWI

Code: Domestic terminal forecast format

FTUS45 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

BTL DET DTW JXN YIP

Code: Domestic terminal forecast format

FTUS46 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

ABY ACK AHN AGS FLO FMY LUK RBL LIT
MGM VRB

Code: Domestic terminal forecast format

FTUS5 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

AGC	AOO	AVP	BFD	ERI	MDT	HLG	IPT	PIT
PSB								

Code: Domestic terminal forecast format

FTUS6 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

CAK	CLE	CMH	CVG	DAY	MFD	TOL	YNG	ZZV
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Code: Domestic terminal forecast format

FTUS7 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

APN	CMX	FNT	GRR	LAN	MBS	MKG	MQT	PLN
SSM	TVC							

Code: Domestic terminal forecast format

FTUS8 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

AUW	EAU	GRB	LSE	MDW	MKE	MSN	ORD	RFD
-----	-----	-----	-----	-----	-----	-----	-----	-----

Code: Domestic terminal forecast format

FTUS9 KWBC

Variable Daily

Terminal forecasts of the following selected U.S. sites:

CMI	EVV	FWA	HUF	IND	LAF	MLI	PIA	SBN
SPI	UIN							

Code: Domestic terminal forecast format

FTUS90 KWBC

Ø73Ø PE12H

Guidance terminal forecast generated by the NMC computer and transmitted on AFOS. One product generated for each air terminal (about 35Ø stations).

Code: Special

FUAZ71 KWBC

0000 PE12H

12-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are portions of the Atlantic Ocean, the Azores, and the northwest corner of Africa.

Code: Grid Point (NMC Octagon Grid)

FUAZ72 KWBC

0000 PE12H

24-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are portions of the Atlantic Ocean, the Azores, and the northwest corner of Africa.

Code: Grid Point (NMC Octagon Grid)

FUAZ73 KWBC

0000 PE12H

36-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are portions of the Atlantic Ocean, the Azores, and the northwest corner of Africa.

Code: Grid Point (NMC Octagon Grid)

FUCA1 KWBC

0200 PE6H

Significant weather in the Caribbean area at 400 to 70 mb levels. Describes significant cloud formations and degree of turbulence in clouds.

Code: Plain Language and Grid Point

FUEW71 KWBC

0000 PE12H

12-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are a portion of the north Atlantic, western Europe, southern British Isles, and northwestern Africa.

Code: Grid Point (NMC Octagon Grid)

FUEW72 KWBC

0000 PE12H

24-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are a portion of the north Atlantic, western Europe, southern British Isles, and northwestern Africa.

Code: Grid Point (NMC Octagon Grid)

FUEW73 KWBC

0000 PE12H

36-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are a portion of the north Atlantic, western Europe, southern British Isles, and northwestern Africa.

Code: Grid Point (NMC Octagon Grid)

FUGL71 KWBC

0000 PE12H

12-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are Greenland, Iceland, portions of Alaska, Canada and the Arctic Ocean.

Code: Grid Point (NMC Octagon Grid)

FUGL72 KWBC

0000 PE12H

24-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are Greenland, Iceland, portions of Alaska, Canada and the Arctic Ocean.

Code: Grid Point (NMC Octagon Grid)

FUGL73 KWBC

0000 PE12H

36-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are Greenland, Iceland, portions of Alaska, Canada and the Arctic Ocean.

Code: Grid Point (NMC Octagon Grid)

FUGX71 KWBC

0000 PE12H

12-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are portions of the Gulf of Mexico, southeastern U.S., Cuba and portions of Mexico.

Code: Grid Point (NMC Octagon Grid)

FUGX72 KWBC

0000 PE12H

24-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are portions of the Gulf of Mexico, southeastern U.S., Cuba and portions of Mexico.

Code: Grid Point (NMC Octagon Grid)

FUGX73 KWBC

0000 PE12H

36-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are portions of the Gulf of Mexico, southeastern U.S., Cuba and portions of Mexico.

Code: Grid Point (NMC Octagon Grid)

FUNA10 KWBC

0000 PE12H

24-Hour Wind and temperature forecast for 200 and 150 mb levels and tropopause heights for the following grid points:

40N-75W	45N-115W	50N-115W	55N-125W
45N-75W	45N-120W	50N-120W	60N-100W
45N-80W	50N-80W	55N-90W	60N-105W
45N-85W	50N-85W	55N-95W	60N-110W
45N-90W	50N-90W	55N-100W	60N-115W
45N-95W	50N-95W	55N-105W	60N-120W
45N-100W	50N-100W	55N-110W	60N-125W
45N-105W	50N-105W	55N-115W	65N-120W
45N-110W	50N-110W	55N-120W	65N-125W

Code: FM 48-V (ARMET)

FUNA4 KWBC

0000 PE12H

36-Hour 500 mb height forecast for North America from central Mexico to the North Pole area and central California to Alaska on the western side to the Atlantic Ocean off the coast of Florida to Greenland on the eastern side.

Code: Grid Point (NMC Octagon Grid)

FUNA5 KWBC

0000 PE12H

36-Hour 300 mb height forecast for North America from central Mexico to the North Pole area and central California to Alaska on the western side to the Atlantic Ocean off the coast of Florida to Greenland on the eastern side.

Code: Grid Point (NMC Octagon Grid)

FUNA54 KWBC

0000 PE12H

48-Hour 500 mb prognosis for the North Pacific and Siberia.

Code: Grid Point (NMC Octagon Grid)

FUNA56 KWBC

0000 PE12H

72-Hour 500 mb prognosis for the North Pacific and Siberia.

Code: Grid Point (NMC Octagon Grid)

FUNA9 KWBC

0600 PE12H

18-Hour Wind and temperature forecast for 200 and 150 mb levels and tropopause heights for the following grid points:

40N-75W	45N-115W	50N-115W	55N-125W
45N-75W	45N-120W	50N-120W	60N-100W
45N-80W	50N-80W	55N-90W	60N-105W
45N-85W	50N-85W	55N-95W	60N-110W
45N-90W	50N-90W	55N-100W	60N-115W
45N-95W	50N-95W	55N-105W	60N-120W
45N-100W	50N-100W	55N-110W	60N-125W
45N-105W	50N-105W	55N-115W	65N-120W
45N-110W	50N-110W	55N-120W	65N-125W

Code: FM 48-V (ARMET)

FUNE71 KWBC

0000 PE12H

12-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are eastern Europe, the Black Sea, southeastern Europe, eastern Mediterranean Sea and northeastern Africa.

Code: Grid Point (NMC Octagon Grid)

FUNE72 KWBC

0000 PE12H

24-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are eastern Europe, the Black Sea, southeastern Europe, eastern Mediterranean Sea and northeastern Africa.

Code: Grid Point (NMC Octagon Grid)

FUNE73 KWBC

0000 PE12H

36-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are eastern Europe, the Black Sea, southeastern Europe, eastern Mediterranean Sea and northeastern Africa.

Code: Grid Point (NMC Octagon Grid)

FUNF71 KWBC

0000 PE12H

12-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are New Foundland and Atlantic waters to the south and east.

Code: Grid Point (NMC Octagon Grid)

FUNF72 KWBC

0000 PE12H

24-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are New Foundland and Atlantic waters to the south and east.

Code: Grid Point (NMC Octagon Grid)

FUNF73 KWBC

0000 PE12H

36-Hour forecast of departure from standard height and earth-oriented geostrophic wind velocities for 700, 500, and 300 mb levels. Areas covered are New Foundland and Atlantic waters to the south and east.

Code: Grid Point (NMC Octagon Grid)

FUNT1 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

05N-45W	10N-50W	15N-40W	20N-30W
05N-50W	10N-55W	15N-45W	20N-35W
05N-55W	15N-15W	15N-50W	20N-40W
10N-30W	15N-20W	15N-55W	20N-45W
10N-35W	15N-25W	20N-15W	20N-50W
10N-40W	15N-30W	20N-20W	20N-55W
10N-45W	15N-35W	20N-25W	

Code: FM 48-V (ARMET)

FUNT11 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 300 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

50N-60W	60N-10W	60N-40W	65N-10W
55N-50W	60N-15W	60N-45W	65N-20W
55N-55W	60N-20W	60N-50W	65N-30W
55N-60W	60N-25W	60N-55W	65N-40W
60N-00	60N-30W	60N-60W	65N-50W
60N-05W	60N-35W	65N-00	

Code: FM 48-V (ARMET)

FUNT12 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 300 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

50N-60W	60N-10W	60N-40W	65N-10W
55N-50W	60N-15W	60N-45W	65N-20W
55N-55W	60N-20W	60N-50W	65N-30W
55N-60W	60N-25W	60N-55W	65N-40W
60N-00	60N-30W	60N-60W	65N-50W
60N-05W	60N-35W	65N-00	

Code: FM 48-V (ARMET)

FUNT13 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500 and 400 mb levels, valid at 06 and 18 GMT, for the following grid points:

35N-20W	40N-45W	45N-25W	50N-10W
35N-25W	40N-50W	45N-30W	50N-15W
35N-30W	40N-55W	45N-35W	50N-20W
40N-05W	40N-60W	45N-40W	50N-25W
40N-10W	40N-65W	45N-45W	50N-30W
40N-15W	45N-05E	45N-50W	50N-35W
40N-20W	45N-00	45N-55W	50N-40W
40N-25W	45N-05W	45N-60W	50N-45W
40N-30W	45N-10W	50N-05E	50N-50W
40N-35W	45N-15W	50N-00	50N-55W
40N-40W	45N-20W	50N-05W	50N-60W

Code: FM 48-V (ARMET)

FUNT14 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 700, 500 and 400 mb levels, valid at 00 and 12 GMT, for the following grid points:

35N-20W	40N-45W	45N-25W	50N-10W
35N-25W	40N-50W	45N-30W	50N-15W
35N-30W	40N-55W	45N-35W	50N-20W
40N-05W	40N-60W	45N-40W	50N-25W
40N-10W	40N-65W	45N-45W	50N-30W
40N-15W	45N-05E	45N-50W	50N-35W
40N-20W	45N-00	45N-55W	50N-40W
40N-25W	45N-05W	45N-60W	50N-45W
40N-30W	45N-10W	50N-05E	50N-50W
40N-35W	45N-15W	50N-00	50N-55W
40N-40W	45N-20W	50N-05W	50N-60W

Code: FM 48-V (ARMET)

FUNT15 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500 and 400 mb levels, valid at 06 and 18 GMT, for the following grid points:

45N-65W	55N-30W	60N-20W	65N-20W
50N-55W	55N-35W	60N-25W	65N-25W
50N-60W	55N-40W	60N-30W	65N-30W
50N-65W	55N-45W	60N-35W	65N-35W
55N-05W	55N-50W	60N-40W	65N-40W
55N-10W	55N-55W	60N-45W	65N-45W
55N-15W	55N-60W	60N-50W	65N-50W
55N-20W	60N-10W	60N-55W	
55N-25W	60N-15W	65N-15W	

Code: FM 48-V (ARMET)

FUNT16 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 700, 500 and 400 mb levels, valid at 00 and 12 GMT, for the following grid points:

45N-65W	55N-30W	60N-20W	65N-20W
50N-55W	55N-35W	60N-25W	65N-25W
50N-60W	55N-40W	60N-30W	65N-30W
50N-65W	55N-45W	60N-35W	65N-35W
55N-05W	55N-50W	60N-40W	65N-40W
55N-10W	55N-55W	60N-45W	65N-45W
55N-15W	55N-60W	60N-50W	65N-50W
55N-20W	60N-10W	60N-55W	
55N-25W	60N-15W	65N-15W	

Code: FM 48-V (ARMET)

FUNT17 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 300 and 200 mb levels, valid at 06 and 18 GMT, (specially prepared for AFTN distribution), for the following grid points:

25N-40W	30N-50W	35N-50W	40N-55W
25N-45W	30N-55W	35N-55W	40N-60W
25N-50W	30N-60W	35N-60W	40N-65W
25N-55W	30N-65W	35N-65W	40N-70W
25N-60W	30N-70W	35N-70W	40N-75W
30N-35W	35N-35W	35N-75W	45N-70W
30N-40W	35N-40W	40N-45W	
30N-45W	35N-45W	40N-50W	

Code: FM 48-V (ARMET)

FUNT18 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 300 and 200 mb levels, valid at 00 and 12 GMT, (specially prepared for AFTN distribution), for the following grid points:

25N-40W	30N-50W	35N-50W	40N-55W
25N-45W	30N-55W	35N-55W	40N-60W
25N-50W	30N-60W	35N-60W	40N-65W
25N-55W	30N-65W	35N-65W	40N-70W
25N-60W	30N-70W	35N-70W	40N-75W
30N-35W	35N-35W	35N-75W	45N-70W
30N-40W	35N-40W	40N-45W	
30N-45W	35N-45W	40N-50W	

Code: FM 48-V (ARMET)

FUNT19 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 300 and 200 mb levels, valid at 06 and 18 GMT, (specially prepared for AFTN distribution), for the following grid points:

40N-40W	45N-50W	45N-55W	45N-60W	45N-65W
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Code: FM 48-V (ARMET)

FUNT2 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

05N-45W	10N-50W	15N-40W	20N-30W
05N-50W	10N-55W	15N-45W	20N-35W
05N-55W	15N-15W	15N-50W	20N-40W
10N-30W	15N-20W	15N-55W	20N-45W
10N-35W	15N-25W	20N-15W	20N-50W
10N-40W	15N-30W	20N-20W	20N-55W
10N-45W	15N-35W	20N-25W	

Code: FM 48-V (ARMET)

FUNT20 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 300 and 200 mb levels, valid at 00 and 12 GMT, (specially prepared for AFTN distribution), for the following grid points:

40N-40W	45N-50W	45N-55W	45N-60W	45N-65W
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Code: FM 48-V (ARMET)

FUNT25 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 300, 200, 150 and 100 mb levels, valid at 06 and 18 GMT, for the following grid points:

40N-65W	45N-55W	50N-40W	55N-40W
40N-70W	45N-60W	50N-45W	55N-45W
40N-75W	45N-65W	50N-50W	
45N-50W	45N-70W	50N-55W	

Code: FM 48-V (ARMET)

FUNT26 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 300, 200, 150 and 100 mb levels, valid at 00 and 12 GMT, for the following grid points:

40N-65W	45N-55W	50N-40W	55N-40W
40N-70W	45N-60W	50N-45W	55N-45W
40N-75W	45N-65W	50N-50W	
45N-50W	45N-70W	50N-55W	

Code: FM 48-V (ARMET)

FUNT27 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 300, 200, 150 and 100 mb levels, valid at 06 and 18 GMT, for the following grid points:

50N-00	50N-20W	55N-00	55N-20W
50N-05W	50N-25W	55N-05W	55N-25W
50N-10W	50N-30W	55N-10W	55N-30W
50N-15W	50N-35W	55N-15W	55N-35W

Code: FM 48-V (ARMET)

FUNT28 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 300, 200, 150 and 100 mb levels, valid at 00 and 12 GMT, for the following grid points:

50N-00	50N-20W	55N-00	55N-20W
50N-05W	50N-25W	55N-05W	55N-25W
50N-10W	50N-30W	55N-10W	55N-30W
50N-15W	50N-35W	55N-15W	55N-35W

Code: FM 48-V (ARMET)

FUNT3 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

25N-15W	25N-60W	30N-50W	35N-35W
25N-20W	30N-10W	30N-55W	35N-40W
25N-25W	30N-15W	30N-60W	35N-45W
25N-30W	30N-20W	35N-05W	35N-50W
25N-35W	30N-25W	35N-10W	35N-55W
25N-40W	30N-30W	35N-15W	35N-60W
25N-45W	30N-35W	35N-20W	
25N-50W	30N-40W	35N-25W	
25N-55W	30N-45W	35N-30W	

Code: FM 48-V (ARMET)

FUNT4 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

25N-15W	25N-60W	30N-50W	35N-35W
25N-20W	30N-10W	30N-55W	35N-40W
25N-25W	30N-15W	30N-60W	35N-45W
25N-30W	30N-20W	35N-05W	35N-50W
25N-35W	30N-25W	35N-10W	35N-55W
25N-40W	30N-30W	35N-15W	35N-60W
25N-45W	30N-35W	35N-20W	
25N-50W	30N-40W	35N-25W	
25N-55W	30N-45W	35N-30W	

Code: FM 48-V (ARMET)

FUNT5 KWBC

1800 Daily

12-Hour significant weather forecast for 400 to 70 mb levels from the Equator to 45N. Valid at 06 GMT.

Code: Plain Language

FUNT52 KWBC

0000 PE12H

24-Hour 500 mb height forecast for the north Atlantic area, Greenland, Iceland, and Europe east to central USSR.

Code: Grid Point (NMC Octagon Grid)

FUNT54 KWBC

0000 PE12H

48-Hour 500 mb height forecast for the north Atlantic area, Greenland, Iceland, and Europe east to central USSR.

Code: Grid Point (NMC Octagon Grid)

FUNT56 KWBC

0000 PE12H

72-Hour 500 mb height forecast for the north Atlantic area, Greenland, Iceland, and Europe east to central USSR.

Code: Grid Point (NMC Octagon Grid)

FUNT6 KWBC

0000 PE12H

36-Hour 500 mb height forecast for the north Atlantic Ocean, western Europe and the northwestern portion of Africa.

Code: Grid Point (NMC Octagon Grid)

FUNT7 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

40N-05W	40N-35W	45N-00	45N-30W
40N-10W	40N-40W	45N-05W	45N-35W
40N-15W	40N-45W	45N-10W	45N-40W
40N-20W	40N-50W	45N-15W	45N-45W
40N-25W	40N-55W	45N-20W	
40N-30W	40N-60W	45N-25W	

Code: FM 48-V (ARMET)

FUNT8 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

40N-05W	40N-35W	45N-00	45N-30W
40N-10W	40N-40W	45N-05W	45N-35W
40N-15W	40N-45W	45N-10W	45N-40W
40N-20W	40N-50W	45N-15W	45N-45W
40N-25W	40N-55W	45N-20W	
40N-30W	40N-60W	45N-25W	

Code: FM 48-V (ARMET)

FUPA1 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 850, 700, 500, 300, and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

EQ-135W	20N-125W	25N-145W	35N-130W
EQ-140W	20N-130W	25N-150W	35N-135W
EQ-145W	20N-135W	25N-155W	35N-140W
05N-135W	20N-140W	25N-160W	35N-145W
05N-140W	20N-145W	30N-120W	35N-150W
05N-145W	20N-150W	30N-125W	40N-125W
10N-130W	20N-155W	30N-130W	40N-130W
10N-135W	20N-160W	30N-135W	40N-135W
10N-140W	25N-120W	30N-140W	40N-140W
15N-125W	25N-125W	30N-145W	40N-145W
15N-130W	25N-130W	30N-150W	45N-125W
15N-135W	25N-135W	30N-155W	45N-130W
15N-140W	25N-140W	35N-125W	45N-135W

Code: FM 48-V (ARMET)

FUPA2 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 850, 700, 500, 300, and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

EQ-135W	20N-125W	25N-145W	35N-130W
EQ-140W	20N-130W	25N-150W	35N-135W
EQ-145W	20N-135W	25N-155W	35N-140W
05N-135W	20N-140W	25N-160W	35N-145W
05N-140W	20N-145W	30N-120W	35N-150W
05N-145W	20N-150W	30N-125W	40N-125W
10N-130W	20N-155W	30N-130W	40N-130W
10N-135W	20N-160W	30N-135W	40N-135W
10N-140W	25N-120W	30N-140W	40N-140W
15N-125W	25N-125W	30N-145W	40N-145W
15N-130W	25N-130W	30N-150W	45N-125W
15N-135W	25N-135W	30N-155W	45N-130W
15N-140W	25N-140W	35N-125W	45N-135W

Code: FM 48-V (ARMET)

FUPA3 KWBC

0000 PE12H

36-Hour 500 mb height forecast for the north Pacific showing pressure patterns and centers.

Code: Grid Point (NMC Octagon Grid)

FUPA58 KWBC

0000 MWF&Sat

96-Hour 500 mb height forecast for the Pacific area, divided into three parts:

Part I: 26N-135W	12N-144W	12N-165E	26N-156E
Part II: 15N-122W	25N-107W	22N-126E	13N-140E
Part III: 46N-51W	41N-119W	09N-120E	11N-87E

Code: Grid Point (NMC Octagon Grid)

FUPA59 KWBC

0000 Sun, Tue, Thur

120-Hour 500 mb height forecast for the Pacific area, divided into three parts:

Part I: 26N-135W	12N-144W	12N-165E	26N-156E
Part II: 15N-122W	25N-107W	22N-126E	13N-140E
Part III: 46N-51W	41N-119W	09N-120E	11N-87E

Code: Grid Point (NMC Octagon Grid)

FUPN1 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

35N-170E	35N-150E	35N-130E	40N-135E
35N-165E	35N-145E	35N-125E	40N-130E
35N-160E	35N-140E	40N-145E	40N-125E
35N-155E	35N-135E	40N-140E	

Code: FM 48-V (ARMET)

FUPN10 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

25N-160W	25N-175E	25N-150E	25N-125E
25N-165W	25N-170E	25N-145E	25N-120E
25N-170W	25N-165E	25N-140E	
25N-175W	25N-160E	25N-135E	
25N-180	25N-155E	25N-130E	

Code: FM 48-V (ARMET)

FUPN11 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

20N-155W	20N-180	20N-155E	20N-130E
20N-160W	20N-175E	20N-150E	20N-125E
20N-165W	20N-170E	20N-145E	20N-120E
20N-170W	20N-165E	20N-140E	
20N-175W	20N-160E	20N-135E	

Code: FM 48-V (ARMET)

FUPN12 KWBC

0000 PE12H

24-Hour forecast for winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

15N-170W	15N-165E	15N-140E	15N-115E
15N-175W	15N-160E	15N-135E	15N-110E
15N-180	15N-155E	15N-130E	
15N-175E	15N-150E	15N-125E	
15N-170E	15N-145E	15N-120E	

Code: FM 48-V (ARMET)

FUPN13 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 00 and 12 GMT,

for the following grid points:

10N-175W	10N-165E	10N-145E	10N-125E
10N-180	10N-160E	10N-140E	10N-120E
10N-175E	10N-155E	10N-135E	
10N-170E	10N-150E	10N-130E	

Code: FM 48-V (ARMET)

FUPN14 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

05N-180	05N-160E	05N-140E	EQ-160E
05N-175E	05N-155E	EQ-175E	EQ-155E
05N-170E	05N-150E	EQ-170E	
05N-165E	05N-145E	EQ-165E	

Code: FM 48-V (ARMET)

FUPN15 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 200 and 150 mb levels and tropopause heights, valid at 06 and 18 GMT, for the following grid points:

25N-140W	35N-150W	45N-150W	55N-145W
25N-145W	40N-135W	45N-155W	55N-150W
30N-135W	40N-140W	50N-135W	55N-155W
30N-140W	40N-145W	50N-140W	60N-135W
30N-145W	40N-150W	50N-145W	60N-140W
30N-150W	40N-155W	50N-150W	60N-145W
35N-135W	45N-135W	50N-155W	60N-150W
35N-140W	45N-140W	55N-135W	60N-155W
35N-145W	45N-145W	55N-140W	

Code: FM 48-V (ARMET)

FUPN16 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 200 and 150 mb levels and tropopause heights, valid at 00 and 12 GMT, for the following grid points:

25N-140W	35N-150W	45N-150W	55N-145W
25N-145W	40N-135W	45N-155W	55N-150W
30N-135W	40N-140W	50N-135W	55N-155W
30N-140W	40N-145W	50N-140W	60N-135W
30N-145W	40N-150W	50N-145W	60N-140W
30N-150W	40N-155W	50N-150W	60N-145W
35N-135W	45N-135W	50N-155W	60N-150W
35N-140W	45N-140W	55N-135W	60N-155W
35N-145W	45N-145W	55N-140W	

Code: FM 48-V (ARMET)

FUPN2 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

30N-175W	30N-165E	30N-145E	30N-125E
30N-180	30N-160E	30N-140E	
30N-175E	30N-155E	30N-135E	
30N-170E	30N-150E	30N-130E	

Code: FM 48-V (ARMET)

FUPN3 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

25N-160W	25N-175E	25N-150E	25N-125E
25N-165W	25N-170E	25N-145E	25N-120E
25N-170W	25N-165E	25N-140E	
25N-175W	25N-160E	25N-135E	
25N-180	25N-155E	25N-130E	

Code: FM 48-V (ARMET)

FUPN4 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

20N-155W	20N-180	20N-155E	20N-130E
20N-160W	20N-175E	20N-150E	20N-125E
20N-165W	20N-170E	20N-145E	20N-120E
20N-170W	20N-165E	20N-140E	
20N-175W	20N-160E	20N-135E	

Code: FM 48-V (ARMET)

FUPN5 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

15N-170W	15N-165E	15N-140E	15N-115E
15N-175W	15N-160E	15N-135E	15N-110E
15N-180	15N-155E	15N-130E	
15N-175E	15N-150E	15N-125E	
15N-170E	15N-145E	15N-120E	

Code: FM 48-V (ARMET)

FUPN6 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

10N-175W	10N-165E	10N-145E	10N-125E
10N-180	10N-160E	10N-140E	10N-120E
10N-175E	10N-155E	10N-135E	
10N-170E	10N-150E	10N-130E	

Code: FM 48-V (ARMET)

FUPN7 KWBC

0600 PE12H

18-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 06 and 18 GMT, for the following grid points:

05N-180	05N-160E	05N-140E	EQ-160E
05N-175E	05N-155E	EQ-175E	EQ-155E
05N-170E	05N-150E	EQ-170E	
05N-165E	05N-145E	EQ-165E	

Code: FM 48-V (ARMET)

FUPN8 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

35N-170E	35N-150E	35N-130E	40N-135E
35N-165E	35N-145E	35N-125E	40N-130E
35N-160W	35N-140E	40N-145E	40N-125E
35N-155E	35N-135E	40N-140E	

Code: FM 48-V (ARMET)

FUPN9 KWBC

0000 PE12H

24-Hour forecast of winds and temps for 700, 500, 300, 250 and 200 mb levels, valid at 00 and 12 GMT, for the following grid points:

30N-175W	30N-165E	30N-145E	30N-125E
30N-180	30N-160E	30N-140E	
30N-175E	30N-155E	30N-135E	
30N-170E	30N-150E	30N-130E	

Code: FM 48-V (ARMET)

FUUM71 KWBC

0000 PE12H

12-Hour forecast of departures from standard heights and earth-oriented geostrophic wind velocities for 700, 500 and 300 mb levels. Area covered is northern portion of the U.S. and major portions of Canada, including the Hudson Bay.

Code: Grid Point (NMC Octagon Grid)

FUUM72 KWBC

0000 PE12H

24-Hour forecast of departures from standard heights and earth-oriented geostrophic wind velocities for 700, 500 and 300 mb levels. Area covered is northern portion of the U.S. and major portions of Canada, including the Hudson Bay.

Code: Grid Point (NMC Octagon Grid)

FUUM73 KWBC

0000 PE12H

36-Hour forecast of departures from standard heights and earth-oriented geostrophic wind velocities for 700, 500 and 300 mb levels. Area covered is northern portion of the U.S. and major portions of Canada, including the Hudson Bay.

Code: Grid Point (NMC Octagon Grid)

FUUS10 KWBC

0000 PE12H

Colorado mountain wave forecast.

Code: Special

FUUS11 KWBC

0000 PE12H

California mountain wave forecast.

Code: Special

FUUS12 KWBC

0000 PE12H

6-Hour Colorado mountain wave forecast.

Code: Special

FUUS13 KWBC

0000 PE12H

6-Hour California mountain wave forecast.

Code: Special

FUUS14 KWBC

0000 PE12H

12-Hour Colorado mountain wave forecast.

Code: Special

FUUS15 KWBC

0000 PE12H

12-Hour California mountain wave forecast.

Code: Special

FUUS16 KWBC

0000 PE12H

18-Hour Colorado mountain wave forecast.

Code: Special

FUUS17 KWBC

0000 PE12H

18-Hour California mountain wave forecast.

Code: Special

FUUS18 KWBC

0000 PE12H

24-Hour Colorado mountain wave forecast.

Code: Special

FUUS19 KWBC

0000 PE12H

24-Hour California mountain wave forecast.

Code: Special

FUUS20 KWBC

0600 PE12H

18-Hour significant weather prognosis for the northwestern U.S. for 400 to 70 mb levels.

Code: Plain Language

FUUS4 KWBC

0000 PE6H

18-Hour significant weather forecasts valid at 06 and 18 GMT and 24-hour significant weather forecasts valid at 00 and 12 GMT for 400 to 70 mb levels, for the area bounded by the following coordinates:

45N-65W 34N-61W 25N-80W 25N-120W 35N-120W 46N-75W.

Code: Plain Language

FUVI71 KWBC

0000 PE12H

12-Hour forecast of departures from standard heights and earth-oriented geostrophic wind velocities for 700, 500 and 300 mb levels. Area covered is Dominica, Virgin Islands and surrounding waters, and east into the Atlantic Ocean.

Code: Grid Point (NMC Octagon Grid)

FUVI72 KWBC

0000 PE12H

24-Hour forecast of departures from standard heights and earth-oriented geostrophic wind velocities for 700, 500 and 300 mb levels. Area covered is Dominica, Virgin Islands and surrounding waters, and east into the Atlantic Ocean.

Code: Grid Point (NMC Octagon Grid)

FUVI73 KWBC

0000 PE12H

36-Hour forecast of departures from standard heights and earth-oriented geostrophic wind velocities for 700, 500 and 300 mb levels. Area covered is Dominica, Virgin Islands and surrounding waters, and east into the Atlantic Ocean.

Code: Grid Point (NMC Octagon Grid)

FUXN KWBC

0000 PE12H

12-Hour forecast for the 200 mb level for all 1,977 grid points on the NMC Octagon Grid.

Code: Grid Point (NMC Octagon Grid)

FUXN2 KWBC

0000 PE12H

24-Hour forecast for the 500 mb level for the grid points in the following area: the Pacific Ocean along a 170W line north from 30N, across the North Pole to about 60N in Norway. Covers the U.S., Canada, Alaska, Greenland, Iceland, and the northern Atlantic waters.

Code: Grid Point (NMC Octagon Grid)

FUXN3 KWBC

0000 PE12H

24-Hour forecast for the 1000 mb level for the grid points in the following area: the Pacific Ocean along a 170W line north from 30N, across the North Pole to about 60N in Norway. Covers the U.S., Canada, Alaska, Greenland, Iceland, and the northern Atlantic waters.

Code: Grid Point (NMC Octagon Grid)

FUXN4 KWBC

0000 PE12H

48-Hour forecast for the 500 mb level for the grid points in the following area: the Pacific Ocean along a 170W line north from 30N, across the North Pole to about 60N in Norway. Covers the U.S., Canada, Alaska, Greenland, Iceland, and the northern Atlantic waters.

Code: Grid Point (NMC Octagon Grid)

FUXN5 KWBC

0000 PE12H

48-Hour forecast for the 1000 mb level for the grid points in the following area: the Pacific Ocean along a 170W line north from 30N, across the North Pole to about 60N in Norway. Covers the U.S., Canada, Alaska, Greenland, Iceland, and the northern Atlantic waters.

Code: Grid Point (NMC Octagon Grid)

FUXN6 KWBC

0000 PE12H

72-Hour forecast for the 500 mb level for the grid points in the following area: the Pacific Ocean along a 170W line north from 30N, across the North Pole to about 60N in Norway. Covers the U.S., Canada, Alaska, Greenland, Iceland, and the northern Atlantic waters.

Code: Grid Point (NMC Octagon Grid)

FUXN7 KWBC

0000 PE12H

72-Hour forecast for the 1000 mb level for the grid points in the following area: the Pacific Ocean along a 170W line north from 30N, across the North Pole to about 60N in Norway. Covers the U.S., Canada, Alaska, Greenland, Iceland, and the northern Atlantic waters.

Code: Grid Point (NMC Octagon Grid)

FUXN8 KWBC

0000 PE12H

96-Hour forecast for the 500 mb level for the grid points in the following area: the Pacific Ocean along a 170W line north from 30N, across the North Pole to about 60N in Norway. Covers the U.S., Canada, Alaska, Greenland, Iceland, and the northern Atlantic waters.

Code: Grid Point (NMC Octagon Grid)

FUXN9 KWBC

0000 PE12H

120-Hour forecast for the 500 mb level for the grid points in the following area: the Pacific Ocean along a 170W line north from 30N, across the North Pole to about 60N in Norway. Covers the U.S., Canada, Alaska, Greenland, Iceland, and the northern Atlantic waters.

Code: Grid Point (NMC Octagon Grid)

FUXX89 KWBC

0600 Daily

00-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX90 KWBC

0600 Daily

24-Hour Northern Hemisphere forecast of 500 mb, heights, specially prepared for the military.

Code: Special

FUXX91 KWBC

0600 Daily

48-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX92 KWBC

0600 Daily

72-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX93 KWBC

0600 Daily

96-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX94 KWBC

0600 Daily

120-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX95 KWBC

0600 Daily

144-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX96 KWBC

0600 Daily

168-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX97 KWBC

0600 Daily

192-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX98 KWBC

0600 Daily

216-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FUXX99 KWBC

0600 Daily

240-Hour Northern Hemisphere forecast of 500 mb heights, specially prepared for the military.

Code: Special

FWUS10 KWBC

0900 PE12H

Forecast for the mountains of Maryland and northern Virginia. (Updates and amendments at 1500Z.)

Code: Plain Language

FWUS20 KWBC

0900 PE12H

Resort area forecast for the Atlantic Ocean beaches of southern New Jersey, Delaware, Maryland and northeastern North Carolina. (Updates and amendments at 1500Z.)

Code: Plain Language

FXHW KWBC

0730 and 1230 Daily

Direction, period and height forecast of swells for 16 forecast points around the Hawaiian Islands, 6 forecast points around Johnston Island, and 12 forecast points around Wake Island. Forecast is for 24 and 36 hours.

Code: Special

FXHW1 KWBC

Variable

Semi-monthly precipitation report for Hawaii.

Code: Plain Language

FXNA1 KWBC

As Needed

Wind and temperature amendments for North and Central America, 05N to 90N and 70W to 120W.

Code: Plain Language

FXNT1 KWBC

As Needed

Wind and temperature amendments for the north Atlantic, Caribbean, western Europe, and northwest Africa, 05N to 90N and east of 70W.

Code: Plain Language

FXPA KWBC

Variable Daily

Forecast of general weather conditions in the Hawaiian Islands for 5 days.

Code: Plain Language

FXPA1 KWBC

As Needed

Wind and temperature amendments for the east Pacific Ocean area, 05N to 90N and 180 to 120E.

Code: Plain Language

FXPA2 KWBC

As Needed

Wind and temperature amendments for the west Pacific Ocean area, 05N to 90N and 180 to 120E.

Code: Plain Language

FXUS1 KWBC

1540 PE12H

Barotropic forecast for the U.S. Any major systems are mentioned first, followed by a general discussion of systems affecting the surface from west to east.

Code: Plain Language

FXUS10 KWBC

2200 Daily

Extended forecast discussion of 500 mb patterns for the next 3-day period.

Code: Plain Language

FXUS11 KWBC

0000 Daily

Extended range temperature guidance for 10 Air Force stations. Forecast is for up to 96 hours, and gives normals and extremes.

Code: Special

FXUS3 KWBC

0000 Daily

500 mb map type correlations initially and for 12-, 24-, 36-, 48- and 72-hour periods.

Code: Special

FXUS4 KWBC

1215 and 2220 Daily

Quantitative Precipitation Forecasts (QPF) for the U.S. Narrative, followed by expected precipitation for selected sites.

Code: Plain Language

FXUS40 KWBC

1030 Daily

Experimental rate of pan evaporation forecast for 30 locations in the Western U.S.

Code: Plain Language

FXUS41 KWBC

1515 Daily

Experimental rate of pan evaporation forecast for 30 locations in the Western U.S.

Code: Plain Language

FXUS42 KWBC

1915 Daily

Experimental rate of pan evaporation forecast for 30 locations in the Western U.S.

Code: Plain Language

FXUS43 KWBC

1015 Daily

TVA Quantitative Precipitation and temperature forecast, which includes a synoptic discussion of significant weather and clouds, precipitation, and temperatures for the following Tennessee stations:

KNX CHA BNA MEM

Code: Plain Language

FXUS50 KWBC

0000 Daily

Model Output Statistics (MOS) for severe thunderstorm condition probability for the Central U.S. The numbers plotted are percent probability values. To be used with an overlay map of the Central U.S.

Code: Plain Language

FXUS51 KWBC

0000 Daily

Model Output Statistics (MOS) for severe thunderstorm condition probability for the Eastern U.S. The numbers plotted are percent probability values. To be used with an overlay map of the Eastern U.S.

Code: Plain Language

FXUS52 KWBC

0000 Daily

Model Output Statistics (MOS) for major tornado condition probability for the Central U.S. The numbers plotted are percent probability values. To be used with an overlay of the Central U.S.

Code: Plain Language

FXUS53 KWBC

0000 Daily

Model Output Statistics (MOS) for major tornado condition probability for the Eastern U.S. The numbers plotted are percent probability values. To be used with an overlay of the Eastern U.S.

Code: Plain Language

FXUS60 KWBC

0000 Daily

Model Output Statistics (MOS) for thunderstorm probability for the Central U.S. The numbers plotted are percent probability values. To be used with an overlay of the Central U.S.

Code: Plain Language

FXUS61 KWBC

0000 Daily

Model Output Statistics (MOS) for thunderstorm probability for the Eastern U.S. The numbers plotted are percent probability values. To be used with an overlay of the Eastern U.S.

Code: Plain Language

FXUS80 KWBC

1000 and 2200 Daily

Delaware-Maryland-Virgina peninsula agricultural forecast.

Code: Plain Language

FZAK40 KWBC

0000 PE12H

MOS LFM wind forecast guidance for several stations along the coast of Alaska of the U. S. Projections for 6 - 48 hours at 3-hour intervals are included in a ddff format, where dd is the wind direction in tens degrees and ff is the wind speed in knots.

Code: Plain Language

FZUS1 KWBC

0000 PE12H

Lake Erie storm surge forecast made on an hourly basis for Buffalo, NY and on a two-hourly basis for Toledo, OH. Lake Huron storm surge Forecast for Essexville, MI and Lakeport, MI. Surge data is to nearest tenth of a foot.

Code: Plain Language

FZUS10 KWBC

As Available

Marine weather statement of conditions as they exist at present and possible changes to expect in the next few hours, put out by the Washington, DC Forecast Office. (Area of coverage is the Chesapeake Bay, the Atlantic coast between Cape Henlopen and Virginia Beach, and occasionally the west-central North Atlantic offshore waters).

Code: Plain Language

FZUS2 KWBC

0000 PE12H

MOS LFM wind forecast guidance for several stations along the west coast of the U. S. Projections for 6 - 48 hours at 3-hour intervals are included in a ddff format, where dd is the wind direction in tens of degrees and ff is the wind speed in knots.

Code: Plain Language

FZUS3 KWBC

0000 PE12H

Extratropical storm surge height forecasts for several stations and several projections; beach erosion forecasts for erosion due to extratropical storm surges; and offshore boundary layer wind and temperature forecasts for several grid points and times. All forecasts use LFM data and are for the U.S. east coast or North Atlantic Ocean.

Code: Plain Language

FZUS4 KWBC

0000 PE12H

Forecast of Surface winds on the Great Lakes.

Code: Special

FZUS40 KWBC

0000 PE12H

MOS LFM wind forecast guidance for several stations along the Gulf of Mexico coastal and shelf area of the U.S. Projections for 6 - 48 hours at 3-hour intervals are included in a ddff format, where dd is the wind direction in tens of degrees and ff is the wind speed in knots.

Code: Plain Language

FZUS41 KWBC

0000 PE12H

MOS LFM wind forecast guidance for several stations along the northeast Atlantic of the U. S. Projections for 6 - 48 hours at 3-hour intervals are included in a ddff format, where dd is the wind direction in tens of degrees and ff is the wind speed in knots.

Code: Plain Language

FZUS42 KWBC

0000 PE12H

MOS LFM wind forecast guidance for several stations along the middle Atlantic coast of the U. S. Projections for 6 - 48 hours at 3-hour intervals are included in a ddff format, where dd is the wind direction in tens of degrees and ff is the wind speed in knots.

Code: Plain Language

FZUS43 KWB

0000 PE12H

MOS LFM wind forecast guidance for several stations along the Chesapeake Bay coast of the U. S. Projections for 6 - 48 hours at 3-hour intervals are included in a ddff format, where dd is the wind direction in tens of degrees and ff is the wind speed in knots.

Code: Plain Language

FZUS44 KWBC

0000 PE12H

MOS LFM wind forecast guidance for several stations along the southeast Atlantic coast of the U. S. Projections for 6 - 48 hours at 3-hour intervals are included in a ddff format, where dd is the wind direction in tens of degrees and ff is the wind speed in knots.

Code: Plain Language

FZUS45 KWBC

0000 PE12H

MOS LFM wind forecast guidance for several stations along the southwest Pacific coast of the U. S. Projections for 6 - 48 hours at 3-hour intervals are included in a ddff format, where dd is the wind direction in tens of degrees and ff is the wind speed in knots.

Code: Plain Language

FZUS5 KWBC

0000 PE12H

Wind-wave and swell forecasts for several PE grid points over the North Atlantic Ocean near the U.S. east coast. Forecasts use PE data and include projections out to 48 hours at 12-hour intervals.

Code: Plain Language

FZUS6 KWBC

0334 PE6H

Marine forecasts for the Chesapeake Bay and designated coastal areas. Prepared by the Washington, D.C. forecast office.

Code: Plain Language

FZUS60 KWBC

As Needed

Small craft advisory for the U.S. Alerts concerned stations of beginning and/or discontinuance of small craft advisories.

Code: Plain Language

FZUS7 KWBC

0000 PE12H

Forecast for 12 and 36 hours covering swell direction, period and height plus wind wave height. Area covered is Northern Pacific at approximately 2.5-degree intervals.

Code: Special.

FZUS8 KWBC

0339 PE6H

Marine offshore forecast for the west-central north Atlantic between 32N and 41N, west of 65W.

Code: Plain Language

FZUS9 KWBC

Regional state weather forecast summaries. A general forecast for several days and a discussion of prevailing weather systems.

Code: Plain Language

GFUS20 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS21 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS22 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS23 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS24 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS25 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS26 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS27 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS28 KWBC

0200,1400 Daily

12-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS29 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS30 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS31 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS32 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS33 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS34 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS35 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS36 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS37 KWBC

0200,1400 Daily

18-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS38 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS39 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS40 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS41 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS42 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS43 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS44 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS45 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS46 KWBC

0200,1400 Daily

24-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS47 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS48 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS49 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb levels: 400, 300, 250, 200 and tropopause. Specially prepared for the FAA.

Code: Grid

GFUS50 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS51 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS52 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb levels: 1000, 850, 700, and 500. Specially prepared for the FAA.

Code: Grid

GFUS53 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Eastern continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS54 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Central continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GFUS55 KWBC

0200,1400 Daily

30-Hour forecast of wind speed and direction and temperature for the LFM grid points on the Marsden Square Grid. Area covered is the Western continental U.S. for the following mb level: 150. Specially prepared for the FAA.

Code: Grid

GHAA03 KWBC

As listed below

GHAA03 KWBC through GWLA99 KWBC

Bulletins marked with an asterisk (*) are generated from the analyses and Primitive Equation models available at 06Z and 18Z (00Z and 12Z operations). All other bulletins are generated from the finals at 00Z and 12Z.

The contents of all of these Grid Point bulletins can be defined by breaking down the bulletin headings as follows:

TTAAii

T(l) This will always be 'G', indicating GRID Point data.

T(2) This is the data designator which indicates the type of data contained within the text of the bulletin. The data designator may be one of the following:

D - Thickness
E - Precipitation
H - Height
P - Pressure
R - Relative Humidity
T - Temperature
V - Vertical Motion
W - Wind

A(l) This is the geographical area designator which indicates the geographical area of the data contained within the text of the bulletin. The geographical area designator may be one of the following:

Latitude Longitude
Boundaries Boundaries

A - 20N - 90N and 0 - 90W
B - 20N - 90N and 90W - 180
C - 20N - 90N and 90E - 180
D - 20N - 90N and 0 - 90E
E - 35S - 35N and 0 - 90W
F - 35S - 35N and 90W - 180
G - 35S - 35N and 90E - 180
H - 35S - 35N and 0 - 90E
I - 20S - 90S and 0 - 90W
J - 20S - 90S and 90W - 180
K - 20S - 90S and 90E - 180
L - 20S - 90S and 0 - 90E

M-Z are not assigned.

A(2) This is the reference time designator which indicates the reference time of the data contained within the text of the bulletin. The reference time designator may be one of the following:

A - analysis (00 hours)
B - 6 hours forecast
C - 12 hours forecast
D - 18 hours forecast
E - 24 hours forecast
F - 30 hours forecast
G - 36 hours forecast
H - 42 hours forecast
I - 48 hours forecast
J - 60 hours forecast
K - 72 hours forecast
L - 84 hours forecast
M - 96 hours forecast
N - 108 hours forecast
O - 120 hours forecast (5 days)
P - 132 hours forecast
Q - 144 hours forecast
R - 156 hours forecast
S - 168 hours forecast
T - 10 days forecast
U - 15 days forecast
V - 30 days forecast

W-Z - not assigned

ii This is the level designator which indicates the level of the data contained within the text of the bulletin. The level designator may be one of the following:

99 - 1000 mb level
98 - surface of the earth or ocean
97 - level of the tropopause
96 - level of the maximum wind;

or the level designator given is the hundreds and tens digits of the millibar level in the atmosphere, e.g. 70 700 mb level, and 03 30 mb level.

Following is the current list of 511 Grid Point bulletins generated daily by KWBC and the approximate transmission times of each bulletin.

Bulletin Heading (TTAAii KWBC)	Transmission Time(s)		Bulletin Heading (TTAAii KWBC)	Transmission Time(s)	
GHAA03 KWBC	2300		*GHBC30 KWBC	0730	1830
GHAA05 KWBC	2300		*GHBC50 KWBC	0730	1830
*GHAA10 KWBC	0730	1830	*GHBC85 KWBC	0730	1830
*GHAA20 KWBC	1830		*GHBC99 KWBC	0730	1830
*GHAA30 KWBC	0730	1830	*GHBE10 KWBC	0730	1830
*GHAA50 KWBC	0730	1830	*GHBE30 KWBC	0730	1830
*GHAA70 KWBC	1830		*GHBE50 KWBC	0730	1830
*GHAA85 KWBC	0730	1830	*GHBE85 KWBC	0730	1830
*GHAA99 KWBC	0730	1830	*GHBE99 KWBC	0730	1830
*GHAC10 KWBC	0730	1830	*GHBG10 KWBC	0730	1830
*GHAC30 KWBC	0730	1830	*GHBG30 KWBC	0730	1830
*GHAC50 KWBC	0730	1830	*GHBG50 KWBC	0730	1830
*GHAC85 KWBC	0730	1830	*GHBG85 KWBC	0730	1830
*GHAC99 KWBC	0730	1830	*GHBG99 KWBC	0730	1830
*GHAEl0 KWBC	0730	1830	*GHBI10 KWBC	0730	1830
*GHAEl30 KWBC	0730	1830	*GHBI30 KWBC	0730	1830
*GHAEl50 KWBC	0730	1830	*GHBI50 KWBC	0730	1830
*GHAEl85 KWBC	0730	1830	*GHBI85 KWBC	0730	1830
*GHAEl99 KWBC	0730	1830	*GHBI99 KWBC	0730	1830
*GHAG10 KWBC	0730	1830	GHBK50 KWBC	1130	
*GHAG30 KWBC	0730	1830	GHBK99 KWBC	1130	
*GHAG50 KWBC	0730	1830	GHBm50 KWBC	1130	
*GHAG85 KWBC	0730	1830	GHBm99 KWBC	1130	
*GHAG99 KWBC	0730	1830	GHBO50 KWBC	1130	
*GHA110 KWBC	0730	1830	GHBO99 KWBC	1130	
*GHA130 KWBC	0730	1830	GHCA03 KWBC	2300	
*GHA150 KWBC	0730	1830	GHCA05 KWBC	2300	
*GHA185 KWBC	0730	1830	*GHCA10 KWBC	0730	1830
*GHA199 KWBC	0730	1830	*GHCA20 KWBC	1830	
GHAK50 KWBC	1130		*GHCA30 KWBC	0730	1830
GHAK99 KWBC	1130		*GHCA50 KWBC	0730	1830
GHAM50 KWBC	1130		*GHCA70 KWBC	1830	
GHAM99 KWBC	1130		*GHCA85 KWBC	0730	1830
GHA050 KWBC	1130		*GHCA99 KWBC	0730	1830
GHA099 KWBC	1130		*GHCC10 KWBC	0730	1830
GHBA03 KWBC	2300		*GHCC30 KWBC	0730	1830
GHBA05 KWBC	2300		*GHCC50 KWBC	0730	1830
*GHBA10 KWBC	0730	1830	*GHCC85 KWBC	0730	1830
*GHBA20 KWBC	1830		*GHCC99 KWBC	0730	1830
*GHBA30 KWBC	0730	1830	*GHCE10 KWBC	0730	1830
*GHBA50 KWBC	0730	1830	*GHCE30 KWBC	0730	1830
*GHBA70 KWBC	1830		*GHCE50 KWBC	0730	1830
*GHBA85 KWBC	0730	1830	*GHCE85 KWBC	0730	1830
*GHBA99 KWBC	0730	1830	*GHCE99 KWBC	0730	1830
*GHBC10 KWBC	0730	1830	*GHCG10 KWBC	0730	1830

Bulletin Heading (TTAAii KWBC)	Transmission Time(s)		Bulletin Heading (TTAAii KWBC)	Transmission Time(s)	
*GHCG30 KWBC	0730	1830	GHDK99 KWBC	1130	
*GHCG50 KWBC	0730	1830	GHDM50 KWBC	1130	
*GHCG85 KWBC	0730	1830	GHDM99 KWBC	1130	
*GHCG99 KWBC	0730	1830	GHDO50 KWBC	1130	
*GHCI10 KWBC	0730	1830	GHDO99 KWBC	1130	
*GHCI30 KWBC	0730	1830	GHEA05 KWBC	2300	
*GHCI50 KWBC	0730	1830	GHEA10 KWBC	2300	
*GHCI85 KWBC	0730	1830	GHEA20 KWBC	2300	
*GHCI99 KWBC	0730	1830	GHEA50 KWBC	2300	
GHCK50 KWBC	1130		GHEA70 KWBC	2300	
GHCK99 KWBC	1130		GHEA99 KWBC	2300	
GHCM50 KWBC	1130		GHEC99 KWBC	1130	2300
GHCM99 KWBC	1130		GHFA05 KWBC	2300	
GHCO50 KWBC	1130		GHFA10 KWBC	2300	
GHCO99 KWBC	1130		GHFA20 KWBC	2300	
GHDA03 KWBC	2300		GHFA50 KWBC	2300	
GHDA05 KWBC	2300		GHFA70 KWBC	2300	
*GHDA10 KWBC	0730	1830	GHFA99 KWBC	2300	
*GHDA20 KWBC	1830		GHGA05 KWBC	2300	
*GHDA30 KWBC	0730	1830	GHGA10 KWBC	2300	
*GHDA50 KWBC	0730	1830	GHGA20 KWBC	2300	
*GHDA70 KWBC	1830		GHGA50 KWBC	2300	
*GHDA85 KWBC	0730	1830	GHGA70 KWBC	2300	
*GHDA99 KWBC	0730	1830	GHGA99 KWBC	2300	
*GHDC10 KWBC	0730	1830	GHHA05 KWBC	2300	
*GHDC30 KWBC	0730	1830	GHHA10 KWBC	2300	
*GHDC50 KWBC	0730	1830	GHHA20 KWBC	2300	
*GHDC85 KWBC	0730	1830	GHHA50 KWBC	2300	
*GHDC99 KWBC	0730	1830	GHHA70 KWBC	2300	
*GHDE10 KWBC	0730	1830	GHHA99 KWBC	2300	
*GHDE30 KWBC	0730	1830	GHHC99 KWBC	1130	2300
*GHDE50 KWBC	0730	1830	GHIA05 KWBC	2300	
*GHDE85 KWBC	0730	1830	GHIA10 KWBC	2300	
*GHDE99 KWBC	0730	1830	GHIA20 KWBC	2300	
*GHDG10 KWBC	0730	1830	GHIA50 KWBC	2300	
*GHDG30 KWBC	0730	1830	GHIA70 KWBC	2300	
*GHDG50 KWBC	0730	1830	GHIA99 KWBC	2300	
*GHDG85 KWBC	0730	1830	GHIC99 KWBC	1130	2300
*GHDG99 KWBC	0730	1830	GHJA05 KWBC	2300	
*GHDI10 KWBC	0730	1830	GHJA10 KWBC	2300	
*GHDI30 KWBC	0730	1830	GHJA20 KWBC	2300	
*GHDI50 KWBC	0730	1830	GHJA50 KWBC	2300	
*GHDI85 KWBC	0730	1830	GHJA70 KWBC	2300	
*GHDI99 KWBC	0730	1830	GHJA99 KWBC	2300	
GHDK50 KWBC	1130				

Bulletin Heading (TTAAii KWBC)	Transmission Time(s)		Bulletin Heading (TTAAii KWBC)	Transmission Time(s)	
GHKA05 KWBC	2300		*GTAA99 KWBC	1830	
GHKA10 KWBC	2300		*GTAC10 KWBC	0730	1830
GHKA20 KWBC	2300		*GTAC20 KWBC	0730	1830
GHKA50 KWBC	2300		*GTAC30 KWBC	0730	1830
GHKA70 KWBC	2300		*GTAC50 KWBC	0730	1830
GHKA99 KWBC	2300		*GTAC70 KWBC	0730	1830
GHLA05 KWBC	2300		*GTAC85 KWBC	0730	1830
GHLA10 KWBC	2300		*GTAC99 KWBC	0730	1830
GHLA20 KWBC	2300		*GTAE20 KWBC	0730	1830
GHLA50 KWBC	2300		*GTAE25 KWBC	0730	1830
GHLA70 KWBC	2300		*GTAE30 KWBC	0730	1830
GHLA99 KWBC	2300		*GTAE50 KWBC	0730	1830
GHLC99 KWBC	1130	2300	*GTAG20 KWBC	0730	1830
*GRAC50 KWBC	0730	1830	*GTAG25 KWBC	0730	1830
*GRAC70 KWBC	0730	1830	*GTAG30 KWBC	0730	1830
*GRAC85 KWBC	0730	1830	*GTAG50 KWBC	0730	1830
*GRAC99 KWBC	0730	1830	GTBA03 KWBC	2300	
*GRDC50 KWBC	0730	1830	GTBA05 KWBC	2300	
*GRDC70 KWBC	0730	1830	*GTBA10 KWBC	1830	
*GRDC85 KWBC	0730	1830	*GTBA20 KWBC	1830	
*GRDC99 KWBC	0730	1830	*GTBA30 KWBC	1830	
GREC50 KWBC	1130	2300	*GTBA50 KWBC	1830	
GREC70 KWBC	1130	2300	*GTBA70 KWBC	1830	
GREC85 KWBC	1130	2300	GTBA98 KWBC	2300	
GREC99 KWBC	1130	2300	*GTBA99 KWBC	1830	
GRHC50 KWBC	1130	2300	*GTBE20 KWBC	0730	1830
GRHC70 KWBC	1130	2300	*GTBE25 KWBC	0730	1830
GRHC85 KWBC	1130	2300	*GTBE30 KWBC	0730	1830
GRHC99 KWBC	1130	2300	*GTBE50 KWBC	0730	1830
GRIC50 KWBC	1130	2300	*GTBG20 KWBC	0730	1830
GRIC70 KWBC	1130	2300	*GTBG25 KWBC	0730	1830
GRIC85 KWBC	1130	2300	*GTBG30 KWBC	0730	1830
GRIC99 KWBC	1130	2300	*GTBG50 KWBC	0730	1830
GRLC50 KWBC	1130	2300	GTCA03 KWBC	2300	
GRLC70 KWBC	1130	2300	GTCA05 KWBC	2300	
GRLC85 KWBC	1130	2300	*GTCA10 KWBC	1830	
GRLC99 KWBC	1130	2300	*GTCA20 KWBC	1830	
GTAA03 KWBC	2300		*GTCA30 KWBC	1830	
GTAA05 KWBC	2300		*GTCA50 KWBC	1830	
*GTAA10 KWBC	1830		*GTCA70 KWBC	1830	
*GTAA20 KWBC	1830		GTCA98 KWBC	2300	
*GTAA30 KWBC	1830		*GTCA99 KWBC	1830	
*GTAA50 KWBC	1830		*GTCE20 KWBC	0730	1830
*GTAA70 KWBC	1830		*GTCE25 KWBC	0730	1830
GTAA98 KWBC	2300		*GTCE30 KWBC	0730	1830

Bulletin Heading (TTAAii KWBC)	Transmission Time(s)		Bulletin Heading (TTAAii KWBC)	Transmission Time(s)	
*GTCE50 KWBC	0730	1830	GTFA10 KWBC	2300	
*GTCG20 KWBC	0730	1830	GTFA20 KWBC	2300	
*GTCG25 KWBC	0730	1830	GTFA50 KWBC	2300	
*GTCG30 KWBC	0730	1830	GTFA70 KWBC	2300	
*GTCG50 KWBC	0730	1830	GTFA98 KWBC	2300	
GTDA03 KWBC	2300		GTFA99 KWBC	2300	
GTDA05 KWBC	2300		GTFC20 KWBC	1130	2300
*GTDA10 KWBC	1830		GTFC25 KWBC	1130	2300
*GTDA20 KWBC	1830		GTFC30 KWBC	1130	2300
*GTDA30 KWBC	1830		GTFC50 KWBC	1130	2300
*GTDA50 KWBC	1830		GTGA05 KWBC	2300	
*GTDA70 KWBC	1830		GTGA10 KWBC	2300	
GTDA98 KWBC	2300		GTGA20 KWBC	2300	
*GTDA99 KWBC	1830		GTGA50 KWBC	2300	
*GTDC10 KWBC	0730	1830	GTGA70 KWBC	2300	
*GTDC20 KWBC	0730	1830	GTGA98 KWBC	2300	
*GTDC30 KWBC	0730	1830	GTGA99 KWBC	2300	
*GTDC50 KWBC	0730	1830	GTGC20 KWBC	1130	2300
*GTDC70 KWBC	0730	1830	GTGC25 KWBC	1130	2300
*GTDC85 KWBC	0730	1830	GTGC30 KWBC	1130	2300
*GTDC99 KWBC	0730	1830	GTGC50 KWBC	1130	2300
*GTDE20 KWBC	0730	1830	GTHA05 KWBC	2300	
*GTDE25 KWBC	0730	1830	GTHA10 KWBC	2300	
*GTDE30 KWBC	0730	1830	GTHA20 KWBC	2300	
*GTDE50 KWBC	0730	1830	GTHA50 KWBC	2300	
*GTDG20 KWBC	0730	1830	GTHA70 KWBC	2300	
*GTDG25 KWBC	0730	1830	GTHA98 KWBC	2300	
*GTDG30 KWBC	0730	1830	GTHA99 KWBC	2300	
*GTDG50 KWBC	0730	1830	GTHC10 KWBC	1130	2300
GTEA05 KWBC	2300		GTHC20 KWBC	1130	2300
GTEA10 KWBC	2300		GTHC25 KWBC	1130	2300
GTEA20 KWBC	2300		GTHC30 KWBC	1130	2300
GTEA50 KWBC	2300		GTHC50 KWBC	1130	2300
GTEA70 KWBC	2300		GTHC70 KWBC	1130	2300
GTEA98 KWBC	2300		GTHC85 KWBC	1130	2300
GTEA99 KWBC	2300		GTHC99 KWBC	1130	2300
GTEC10 KWBC	1130	2300	GTIA05 KWBC	2300	
GTEC20 KWBC	1130	2300	GTIA10 KWBC	2300	
GTEC25 KWBC	1130	2300	GTIA20 KWBC	2300	
GTEC30 KWBC	1130	2300	GTIA50 KWBC	2300	
GTEC50 KWBC	1130	2300	GTIA70 KWBC	2300	
GTEC70 KWBC	1130	2300	GTIA98 KWBC	2300	
GTEC85 KWBC	1130	2300	GTIA99 KWBC	2300	
GTEC99 KWBC	1130	2300	GTIC10 KWBC	1130	2300
GTFA05 KWBC	2300		GTIC20 KWBC	1130	2300

Bulletin Heading (TTAAii KWBC)	Transmission Time(s)		Bulletin Heading (TTAAii KWBC)	Transmission Time(s)	
GTIC30 KWBC	1130	2300	*GWAG30 KWBC	0730	1830
GTIC50 KWBC	1130	2300	*GWAG50 KWBC	0730	1830
GTIC70 KWBC	1130	2300	GWBA05 KWBC	2300	
GTIC85 KWBC	1130	2300	*GWBA10 KWBC	1830	
GTIC99 KWBC	1130	2300	*GWBA20 KWBC	1830	
GTJA05 KWBC	2300		*GWBA50 KWBC	1830	
GTJA10 KWBC	2300		*GWBA70 KWBC	1830	
GTJA20 KWBC	2300		*GWBA99 KWBC	1830	
GTJA50 KWBC	2300		*GWBE20 KWBC	0730	1830
GTJA70 KWBC	2300		*GWBE25 KWBC	0730	1830
GTJA98 KWBC	2300		*GWBE30 KWBC	0730	1830
GTJA99 KWBC	2300		*GWBE50 KWBC	0730	1830
GTKA05 KWBC	2300		*GWBG20 KWBC	0730	1830
GTKA10 KWBC	2300		*GWBG25 KWBC	0730	1830
GTKA20 KWBC	2300		*GWBG30 KWBC	0730	1830
GTKA50 KWBC	2300		*GWBG50 KWBC	0730	1830
GTKA70 KWBC	2300		GWCA05 KWBC	2300	
GTKA98 KWBC	2300		*GWCA10 KWBC	1830	
GTKA99 KWBC	2300		*GWCA20 KWBC	1830	
GTLA05 KWBC	2300		*GWCA50 KWBC	1830	
GTLA10 KWBC	2300		*GWCA70 KWBC	1830	
GTLA20 KWBC	2300		*GWCA99 KWBC	1830	
GTLA50 KWBC	2300		*GWCE20 KWBC	0730	1830
GTLA70 KWBC	2300		*GWCE25 KWBC	0730	1830
GTLA98 KWBC	2300		*GWCE30 KWBC	0730	1830
GTLA99 KWBC	2300		*GWCE50 KWBC	0730	1830
GTLC10 KWBC	1130	2300	*GWCG20 KWBC	0730	1830
GTLC20 KWBC	1130	2300	*GWCG25 KWBC	0730	1830
GTLC30 KWBC	1130	2300	*GWCG30 KWBC	0730	1830
GTLC50 KWBC	1130	2300	*GWCG50 KWBC	0730	1830
GTLC70 KWBC	1130	2300	GWDA05 KWBC	2300	
GTLC85 KWBC	1130	2300	*GWDA10 KWBC	1830	
GTLC99 KWBC	1130	2300	*GWDA20 KWBC	1830	
GWAA05 KWBC	2300		*GWDA50 KWBC	1830	
*GWAA10 KWBC	1830		*GWDA70 KWBC	1830	
*GWAA20 KWBC	1830		*GWDA99 KWBC	1830	
*GWAA50 KWBC	1830		*GWDE20 KWBC	0730	1830
*GWAA70 KWBC	1830		*GWDE25 KWBC	0730	1830
*GWAA99 KWBC	1830		*GWDE30 KWBC	0730	1830
*GWAE20 KWBC	0730	1830	*GWDE50 KWBC	0730	1830
*GWAE25 KWBC	0730	1830	*GWDG20 KWBC	0730	1830
*GWAE30 KWBC	0730	1830	*GWDG25 KWBC	0730	1830
*GWAE50 KWBC	0730	1830	*GWDG30 KWBC	0730	1830
*GWAG20 KWBC	0730	1830	*GWDG50 KWBC	0730	1830
*GWAG25 KWBC	0730	1830	GWEA05 KWBC	2300	

Bulletin Heading (TTAAii KWBC)	Transmission Time(s)		Bulletin Heading (TTAAii KWBC)	Transmission Time(s)	
GWEA10 KWBC	2300		GWAHA50 KWBC	2300	
GWEA20 KWBC	2300		GWAHA70 KWBC	2300	
GWEA50 KWBC	2300		GWAHA99 KWBC	2300	
GWEA70 KWBC	2300		GWHC20 KWBC	1130	2300
GWEA99 KWBC	2300		GWHC25 KWBC	1130	2300
GWEC20 KWBC	1130	2300	GWHC30 KWBC	1130	2300
GWEC25 KWBC	1130	2300	GWHC50 KWBC	1130	2300
GWEC30 KWBC	1130	2300	GWIA05 KWBC	2300	
GWEC50 KWBC	1130	2300	GWIA10 KWBC	2300	
GWFA05 KWBC	2300		GWIA20 KWBC	2300	
GWFA10 KWBC	2300		GWIA50 KWBC	2300	
GWFA20 KWBC	2300		GWIA70 KWBC	2300	
GWFA50 KWBC	2300		GWIA99 KWBC	2300	
GWFA70 KWBC	2300		GWJA05 KWBC	2300	
GWFA99 KWBC	2300		GWJA10 KWBC	2300	
GWFC20 KWBC	1130	2300	GWJA20 KWBC	2300	
GWFC25 KWBC	1130	2300	GWJA50 KWBC	2300	
GWFC30 KWBC	1130	2300	GWJA70 KWBC	2300	
GWFC50 KWBC	1130	2300	GWJA99 KWBC	2300	
GWGA05 KWBC	2300		GWKA05 KWBC	2300	
GWGA10 KWBC	2300		GWKA10 KWBC	2300	
GWGA20 KWBC	2300		GWKA20 KWBC	2300	
GWGA50 KWBC	2300		GWKA50 KWBC	2300	
GWGA70 KWBC	2300		GWKA70 KWBC	2300	
GWGA99 KWBC	2300		GWKA99 KWBC	2300	
GWGC20 KWBC	1130	2300	GWLA05 KWBC	2300	
GWGC25 KWBC	1130	2300	GWLA10 KWBC	2300	
GWGC30 KWBC	1130	2300	GWLA20 KWBC	2300	
GWGC50 KWBC	1130	2300	GWLA50 KWBC	2300	
GWAHA05 KWBC	2300		GWLA70 KWBC	2300	
GWAHA10 KWBC	2300		GWLA99 KWBC	2300	
GWAHA20 KWBC	2300				

Code: FM 47-V

NFPA94 KWBC

0800,2000 Daily

00-Hour wind forecasts prepared for the Office of Emergency Preparedness. Each bulletin contains 759 grid points. Area covered is 8N-72N and 180-45W. (Pseudo-ASCII.)

Code: Special Grid

NFPC94 KWBC

0800,2000 Daily

12-Hour wind forecasts prepared for the Office of Emergency Preparedness. Each bulletin contains 759 grid points. Area covered is 8N-72N and 180-45W. (Pseudo-ASCII.)

Code: Special Grid

NFPE94 KWBC

0800,2000 Daily

24-Hour wind forecasts prepared for the Office of Emergency Preparedness. Each bulletin contains 759 grid points. Area covered is 8N-72N and 180-45W. (Pseudo-ASCII.)

Code: Special Grid

NFPG94 KWBC

0800,2000 Daily

36-Hour wind forecasts prepared for the Office of Emergency Preparedness. Each bulletin contains 759 grid points. Area covered is 8N-72N and 180-45W. (Pseudo-ASCII.)

Code: Special Grid

NFPI94 KWBC

0800,2000 Daily

48-Hour wind forecasts prepared for the Office of Emergency Preparedness. Each bulletin contains 759 grid points. Area covered is 8N-72N and 180-45W. (Pseudo-ASCII.)

Code: Special Grid

NFPJ94 KWBC

0800,2000 Daily

60-Hour wind forecasts prepared for the Office of Emergency Preparedness. Each bulletin contains 759 grid points. Area covered is 8N-72N and 180-45W. (Pseudo-ASCII.)

Code: Special Grid

NFPK94 KWBC

0800,2000 Daily

72-Hour wind forecasts prepared for the Office of Emergency Preparedness. Each bulletin contains 759 grid points. Area covered is 8N-72N and 180-45W. (Pseudo-ASCII.)

Code: Special Grid

NFPL94 KWBC

0800,2000 Daily

84-Hour wind forecasts prepared for the Office of Emergency Preparedness. Each bulletin contains 759 grid points. Area covered is 8N-72N and 180-45W. (Pseudo-ASCII.)

Code: Special Grid

NHMA10 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 100 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA15 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 150 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 200 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 250 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 300 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 400 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 500 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 700 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 850 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMA99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of heights for the 1000 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMC50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of heights for the 500 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMC70 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 12-hr forecast of heights for the 700 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMC85 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 12-hr forecast of heights for the 850 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHMC99 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 12-hr forecast of heights for the 1000 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHME50 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 24-hr forecast of heights for the 500 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHME70 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 24-hr forecast of heights for the 700 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHME85 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 24-hr forecast of heights for the 850 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and

surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHME99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of heights for the 1000 mb level, expressed in geopotential meters. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NHUA01 KWB

Issued following day during 00Z cycle

Pseudo-ASCII binary 10 millibar height bulletin, prepared for NCAR. The 10 millibar 12Z height fields from the Northern Hemisphere ten day archive file are formatted as pseudo-ASCII binary bulletins. Each transmission contains a 625 grid point subset of the NMC 4225 point grid. The selected 25x25 subset is every other point on every other row as I and J range from 9 to 57.

Code: Special

NHUA11 KWB

Issued following day during 00Z cycle

Pseudo-ASCII binary 1 millibar height bulletins prepared for NCAR. The 1 millibar 12Z height fields from the Northern Hemisphere ten day archive file are formatted as pseudo-ASCII binary bulletins. Each transmission contains a 625 grid point subset of the NMC 4225 point grid. The selected 25x25 subset is every other point on every other row as I and J range from 9 to 57.

Code: Special

NHUA22 KWBC

Issued following day during 00Z cycle

Pseudo-ASCII binary 2 millibar height bulletin, prepared for NCAR. The 2 millibar 12Z height fields from the Northern Hemisphere ten day archive file are formatted as pseudo-ASCII binary bulletins. Each transmission contains a 625 grid point subset of the NMC 4225 point grid. The selected 25x25 subset is every other point on every other row as I and J range from 9 to 57.

Code: Special

NHUA55 KWBC

Issued following day during 00Z cycle

Pseudo-ASCII binary 5 millibar height bulletin, prepared for NCAR. The 5 millibar 12Z height fields from the Northern Hemisphere ten day archive file are formatted as pseudo-ASCII binary bulletins. Each transmission contains a 625 grid point subset of the NMC 4225 point grid. The selected 25x25 subset is every other point on every other row as I and J range from 9 to 57.

Code: Special

NKMA30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 00-hr forecast of dewpoint temperatures for the 300 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMA40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 00-hr forecast of dewpoint temperatures for the 400 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMA50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 00-hr forecast of dewpoint temperatures for the 500 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMA70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 00-hr forecast of dewpoint temperatures for the 700 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMA85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 00-hr forecast of dewpoint temperatures for the 850 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMA99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 00-hr forecast of dewpoint temperatures for the 1000 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMC30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of dewpoint temperatures for the 300 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMC40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of dewpoint temperatures for the 400 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMC50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of dewpoint temperatures for the 500 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMC70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of dewpoint temperatures for the 700 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMC85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of dewpoint temperatures for the 850 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKMC99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of dewpoint temperatures for the 1000 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKME30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of dewpoint temperatures for the 300 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKME40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of dewpoint temperatures for the 400 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKME50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of dewpoint temperatures for the 500 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKME70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of dewpoint temperatures for the 700 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKME85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of dewpoint temperatures for the 850 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NKME99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of dewpoint temperatures for the 1000 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NOUS1 KWBC

As Necessary

Special notification of transmission. Specifically for GTS purposes.

Code: Plain Language

NOUS20 KWBC

As Necessary

Special notification of transmission. Specifically for use on the CARMET circuit.

Code: Plain Language

NOUS21 KWBC

As Necessary

Special notification of transmission. Specifically for use on the WMO Broadcast.

Code: Plain Language

NOUS22 KWBC

As Necessary

Special notification of transmission. Specifically for use on the Jamaica circuit.

Code: Plain Language

NOUS23 KWBC

As Necessary

Special notification of transmission. Specifically for use on the Nassau circuit.

Code: Plain Language

NOUS24 KWBC

As Necessary

Special notification of transmission. Specifically for use on the CEMET circuit.

Code: Plain Language

NOUS40 KWBC

As Necessary

Special notification of transmission. Specifically for use on the Bracknell circuit.

Code: Plain Language

NTMA10 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of temperatures for the 100 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters.

Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA15 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of temperatures for the 150 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of temperatures for the 200 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of temperatures for the 250 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of temperatures for the 300 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of temperatures for the 400 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of temperatures for the 500 mb level, expressed in degrees

K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA70 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer analysis of temperatures for the 700 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA85 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer analysis of temperatures for the 850 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMA99 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 00-hr forecast of temperatures for the 1000 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMC20 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 12-hr forecast of temperatures for the 200 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMC25 KWBC**0000 PE12H**

Pseudo-ASCII computer-to-computer 12-hr forecast of temperatures for the 250 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMC30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of temperatures for the 300 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMC40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of temperatures for the 400 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMC50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of temperatures for the 500 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMC70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of temperatures for the 700 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMC85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of temperatures for the 850 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTMC99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of temperatures for the 1000 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTME20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of temperatures for the 200 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTME25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of temperatures for the 250 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTME30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of temperatures for the 300 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTME40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of temperatures for the 400 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTME50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of temperatures for the 500 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTME70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of temperatures for the 700 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTME85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of temperatures for the 850 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NTME99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of temperatures for the 1000 mb level, expressed in degrees K. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMA20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of U-component winds for the 200 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMA25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of U-component winds for the 250 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMA30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of U-component winds for the 300 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMA40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of U-component winds for the 400 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMA50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of U-component winds for the 500 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMA70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of U-component winds for the 700 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMA85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of U-component winds for the 850 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMA99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 00-hr forecast of U-component winds for the 1000 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMC20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of U-component winds for the 200 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMC25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of U-component winds for the 250 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMC30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of U-component winds for the 300 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMC40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of U-component winds for the 400 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMC50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of U-component winds for the 500 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMC70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of U-component winds for the 700 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMC85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of U-component winds for the 850 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUMC99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of U-component winds for the 1000 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUME20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of U-component winds for the 200 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUME25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of U-component winds for the 250 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUME30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of U-component winds for the 300 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUME40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of U-component winds for the 400 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUME50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of U-component winds for the 500 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUME70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of U-component winds for the 700 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUME85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of U-component winds for the 850 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NUME99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of U-component winds for the 1000 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMA20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of V-component winds for the 200 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMA25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of V-component winds for the 250 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMA30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of V-component winds for the 300 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMA40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of V-component winds for the 400 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMA50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of V-component winds for the 500 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMA70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of V-component winds for the 700 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMA85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer analysis of V-component winds for the 850 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMA99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 00-hr forecast of V-component winds for the 1000 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMC20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of V-component winds for the 200 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMC25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of V-component winds for the 250 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMC30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of V-component winds for the 300 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMC40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of V-component winds for the 400 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMC50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of V-component winds for the 500 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMC70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of V-component winds for the 700 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMC85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of V-component winds for the 850 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVMC99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of V-component winds for the 1000 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVME20 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of V-component winds for the 200 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVME25 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of V-component winds for the 250 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVME30 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of V-component winds for the 300 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVME40 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of V-component winds for the 400 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVME50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of V-component winds for the 500 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVME70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of V-component winds for the 700 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVME85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of V-component winds for the 850 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NVME99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of V-component winds for the 1000 mb level, expressed in meters/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NWMC50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of vertical motion for the 500 mb level, expressed in mb/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NWMC70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of vertical motion for the 700 mb level, expressed in mb/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NWMC85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of vertical motion for the 850 mb level, expressed in mb/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NWMC99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 12-hr forecast of vertical motion for the 1000 mb level, expressed in mb/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NWME50 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of vertical motion for the 500 mb level, expressed in mb/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NWME70 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of vertical motion for the 700 mb level, expressed in mb/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NWME85 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of vertical motion for the 850 mb level, expressed in mb/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

NWME99 KWBC

0000 PE12H

Pseudo-ASCII computer-to-computer 24-hr forecast of vertical motion for the 1000 mb level, expressed in mb/seconds. Grid is a 704-point (32 x 22) LFM subset. Area covered is the continental U.S. and surrounding waters. Specially prepared for the Bureau of Reclamation in Denver, Colorado.

Code: Special Grid

RWUS9 KWBC

Daily, when necessary

☐ National Flood Summary for the U.S.

Code: Plain Language

SACA20 KWBC

0000 PE1H

Routine aviation surface reports from the following Caribbean locations: MJMZ-Mayaquez, MJSJ-San Juan, MISX-St. Croix, MIST-St. Thomas. Contains sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range, and remarks.

Code: Airways Code

SACN1 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected Canadian stations:

WPC	YQL	YXH	YKY	YYN	YXE	YMJ	YQR	YQV
YEN								

Code: Airways Code

SAGX1 KWBC

0000 PE1H

Routine aviation surface reports for the Gulf of Mexico area. Contains sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks.

Code: Airways Code

SAUS1 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

IAG	BUF	ROC	ERI	BFD	ELM	YNG	ABE	POU
DUJ	IPT	PIT	AGC	PSB	MSS	BTV	AVP	ALB
ART	MPV	SYR	UCA	GFL	BGM			

Code: Airways Code

SAUS10 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

HQM	AST	OTH	OLM	TDO	PDX	SLE	LND	RKS
EUG	DLS	RDM	PDT	ALW	LWS	MEH	MLD	PIH
BKE	BOI	IDA	GNG	BYI	TWF			

Code: Airways Code

SAUS11 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

CHO	ROA	LYH	RIC	DAN	ORF	RMT	CHS	ILM
ECG	EWN	HAT	HKY	INT	RDU	AND	FLO	CAE
CLT	FAY							

Code: Airways Code

SAUS12 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

AGS	MCN	SAV	AMG	TLH	JAX	DAB	AQQ	MLB
ORL	TPA	FMY	PBI	MIA	SDF	LEX	FLL	PIE
PAH	BWG	LOZ	BNA	CSV	TYS	TRI	CHA	MKL
LOU								

Code: Airways Code

SAUS13 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

SLN	TOP	MKC	ICT	CNU	JLN	SGF	MCI	PNS
HRO	FSM	LIT	MEM	TXK	GWO	MSL	MGM	CSG
HSV	RMG	BHM	ATL					

Code: Airways Code

SAUS14 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter set runway visual range and remarks for the following selected U.S. stations:

COS	GLD	CNK	DDC	RTN	DHT	TCC	MSY	LFT
PNC	TUL	OKC	MLC	ADM	DFW	ACT	MOB	ESF
LFK	SHV	MLU	JAN	MEI	DAL			

Code: Airways Code

SAUS15 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

SUU	VBG	NTD	MER	NLC	NSI	RIV	OFF	COF
NID	NFL	NUQ	NUC					

Code: Airways Code

SAUS16 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

RKD	BML	MWN	MVY	ITH	JHW	CKB	BEH	MBL
SSU	HSS	LWB	RUT	TVF	BJI	BRD	MTW	OSH
MKT	IWD	IMT	ESC	RHI	MNM			

Code: Airways Code

SAUS17 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

ABQ	TCS	HOB	ELP	INK	GAG	AMA	SPS	IAH
HBR	LBB	ABI	SJT	AUS	SAT	HOU	BRO	LCH
CRP	GLS							

Code: Airways Code

SAUS18 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

CEC	ACV	UKI	MFR	LMT	MHS	RBL	PMD	SJC
MYV	SAC	OAK	SFO	SNS	SMX	SBA	SMF	DAG
SCK	FAT	BFL	WMC	EKO	LOL	RNO	LAS	TPH
ELY								

Code: Airways Code

SAUS19 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

ENV	SLC	PUC	CDC	GJT	FMN	LAX	BUR	BCE
ONT	SAN	EED	FLG	ZUN	BLH	YUM	DUG	TUS
PHX								

Code: Airways Code

SAUS2 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

CAR	HUL	BGR	AUG	LEB	CON	PWM	EWR	ISP
ORH	BOS	BDL	PVD	HYA	HPN	BDR	LGA	JFK
HVN	BID	ACK	TEB					

Code: Airways Code

SAUS20 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

LIZ	NHZ	PBG	RME	CEF	BED	NZW	NQX	MYR
FMH	NCO	WRI	NEL	ADW	DAA	DOV	NKT	NHK

Code: Airways Code

SAUS21 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

NUW	TCM	SKA	MUO	SUU	MER	NID	GSG	HOP
RIV	SRF	GFA	MIB	TIK	SAW	INR	FTK	BLV
OSC	MTC	NBU						

Code: Airways Code

SAUS22 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

GSP	ABY	DHN	CBM	BTR	BVE	JBR	DUG	IGM
CVS	ROW	DMN	ALS	LHX	JAC	4BW	PGA	UCC
U67	MLF	4HV	4BL					

Code: Airways Code

SAUS23 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

SNS	SAN	IPL	YUM	PHX	SFO	NTD	LAX	TUS
SBA								

Code: Airways Code

SAUS24 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

BUF	ROC	SYR	CLE	ERI	BFD	ELM	AVL	TYS
BGM	MFD	CAK	YNG	DUJ	PSB	IPT	TRI	BLF
DAY	ZZV	HLG	PIT	AOO	CVG	PKB	LOZ	EKN
MGW	LEX	HTS	CRW					

Code: Airways Code

SAUS25 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

ORF	HKY	GSO	RDU	RWI	ECG	CLT	CHS	MYR
POB	GSB	EWN	HAT	GSP	AND	CAE	ILM	FLO

Code: Airways Code

SAUS26 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

BIH	SVE	Y26	MHN	HLC	CSM	ADM	MTY	CUU
DHT	JCT	COT	LRD	SRL	LTO	LAP	MLG	CUL
LMM	HMO	CEN						

Code: Airways Code

SAUS27 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

3TH	WYS	OLF	SDY	GDV	WEY	4OM	SUN	SMN
63S	PSC	PUW	PWT	SHN	JNW	4BK	S80	LWS
CZK	HIO	4BW						

Code: Airways Code

SAUS28 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

YUM	RBL	PMD	MLB	GNV	AQQ	AMG	OSH	WAL
VLD	ESF	MAF	CLL	PSX	TPL			

Code: Airways Code

SAUS3 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

CXY	RDG	PHL	BWI	ILG	MIV	ACY	BLF	BKW
DCA	IAD	SBY	ZZV	HLG	AOO	MGW	CRW	HTS
MRB	PKB	EKN						

Code: Airways Code

SAUS30 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

UIL	NOW	BLI	BFI	SEA	SMP	EAT	BIH	MLD
EPH	GEG	S06	FCA	MSO	LWS	ALW	PIH	IDA
YKM	TDO	HQM	AST	PDX	DLS	PDT	BYI	GNG
MEH	BKE	SLE	EUG	OTH	MFR	LMT	BOI	4BW

Code: Airways Code

SAUS31 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

MHS	RBL	LOL	WMC	EKO	ENV	ELY	VBG	TVL
RNO	BLU	MYV	UKI	SFO	OAK	SAC	TRK	SBA
SCK	TPH	LAS	FAT	MER	SNS	SMX	ACV	CEC
BFL	DAG	EED	BLH	ONT	LAX	NID	YUM	SAN

Code: Airways Code

SAUS32 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

CTB	HVR	GGW	SDY	ISN	MOT	BIS	PHP	RAP
DIK	GDV	LWT	GTF	HLN	BZN	LVM	4MC	WEY
BIL	MLS	4BQ	SHR	COD				

Code: Airways

SAUS33 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

JAC	BPI	LND	RIW	CPR	LAR	RWL	LXV	FSR
RKS	EVW	SLC	PUC	GJT	EGE	MLF	MTJ	GUC
CDC	FMN	FLG	INW	ZUN	TCS	PHX	DRO	CEZ
TUS	DUG	MRF	JCT	HBR				

Code: Airways

SAUS34 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

CDR	VTN	ANW	GRI	BBW	LBF	AIA	FCL	LEL
BFF	CYS	DEN	COS	AKO	LIC	GLD	ALS	IML
HLC	RSL	CNK	SLN	HUT	ICT	DDC	MCK	TAD
GCK	LHX	PUB	1K5					

Code: Airways Code

SAUS35 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

RTN	CAO	DHT	OKC	ADM	GAG	SPS	PNC	BRO
CDS	AMA	TCC	ABQ	ROW	CVS	LBB	HRL	MFE
BGS	MAF	INK	HOB	CNM	ELP	DRT	CRP	GLS
SJT	ABI	DFW	DAL	ACT	AUS	SAT	HOU	

Code: Airways Code

SAUS36 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

DVL	GFK	INL	JMS	FAR	AXN	STC	ABR	ATY
MSP	LSE	RST	RWF	FSD	HON			

Code: Airways Code

SAUS37 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

OFK	SUX	ALO	LNR	MSN	MCW	RFD	EMP	CNU
DBQ	MLI	CID	OTM	DSM	OMA	LNK	JLN	SGF
BIE	MHK	TOP	MCI	IRK	UIN	BRL	VIH	STL
PIA	SPI							

Code: Airways Code

SAUS38 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

MKL	BNA	TYS	CSV	CHA	RMG	HSV	MIA	PBI
MSL	BHM	MEI	MGM	CSG	ATL	AGS	FMY	PIE
SAV	AMG	JAX	TLH	PNS	DAB	ORL		

Code: Airways Code

SAUS39 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

TUL	FYV	HRO	MEM	LIT	HOT	FSM	ESF	MSY
MLC	DAL	TXK	SHV	MLU	JAN			

Code: Airways Code

SAUS4 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

APN	HTL	MBS	MKG	GRR	LAN	FNT	EVV	HUF
BTL	JXN	DTW	YIP	ORD	MDW	SBN	IND	LAF
FWA	CMI							

Code: Airways Code

SAUS40 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

MOB	PRC	INW	BFL	EED	PRB	TAD	GUP	FMN
CEW	ESF	TCC	BKE	CRE	DRT	MAF		

Code: Airways Code

SAUS41 KWBC

0000 PE1H

Routine aviation surface reports, (specially prepared for the Bureau of Reclamation), which state the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

4BK	SIY	MHS	WMC	OWY	CEC	ACV	RDD	RDL
SVE	LOL	BAM	EKO	ENV	UKI	MYV	SMF	TRK
MCC	SAC	RNO	BLU	TVL	CCR	BAB	SUU	SFO
SJC	OAK	SCK	TPH	ELY				

Code: Airways Code

SAUS42 KWBC

0000 PE1H

Routine aviation surface reports, (specially prepared for the Bureau of Reclamation), which state the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

SAN	SJC	SCK	SNS	MRY	PRB	FAT	MER	SBA
BFL	WJF	PMD	OXR	87Q	VNY	MWS	ONT	SMO
LAX	HHR	SNA	IPL	BLH	EED	PSP	YUM	SBD
BIH	DRA	LAS	SDB					

Code: Airways Code

SAUS43 KWBC

0000 PE1H

Routine aviation surface reports, (specially prepared for the Bureau of Reclamation), which state the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

BIR	BVE	POE	HUM	NEW	BJI	BRD	DLH	HIB
INL	MKT	MSP	RST	MHK	JBR	PBF	FOD	MCW
OTM	OTG	CGI	COU	JEF				

Code: Airways Code

SAUS44 KWBC

0000 PE1H

Routine aviation surface reports, (specially prepared for the Bureau of Reclamation), which state the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

LTS	BVO	END	ALI	BWD	CLL	COT	ELP	LRD
GGG	MWL	PSX	PRX	PVW	BPT	TPL	EMP	3HT
OLF	OLU	HSI	EAR	MHW	CHB	YKN	GCC	

Code: Airways Code

SAUS5 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

TOL	CLE	FDY	MFD	CAK	DAY	CMH	SSM	GRB
CVG	INL	HIB	DLH	CMX	MQT	CIU	AUW	EAU
PLN	TVC	MSP						

Code: Airways Code

SAUS6 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

RST	LSE	LNR	MSN	MKE	MCW	ALO	VIH	VLA
DBQ	DSM	CID	OTM	MLI	RFD	BDF	STL	COU
BRL	PIA	IRK	UIN	SPI				

Code: Airways Code

SAUS7 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

GGW	ISN	MOT	1BIL	MLS	DIK	BIS
SHR	WRL	RAP	PHP	PIR	GFK	JMS
FAR	ABR	ATY	AXN	STC	HON	RWF
FSD	SUX	OFK	DVL			

Code: Airways Code

SAUS8 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

CPR	CDR	RWL	LAR	CYS	BFF	SNY	MCK	BIE
EGE	DEN	AKO	IML	VTN	ANW	AIA	OMA	LNK

BBW LBF GRI

Code: Airways Code

SAUS9 KWBC

0000 PE1H

Routine aviation surface reports giving the sky condition, visibility, pressure, temperature, dew point, wind direction and speed, altimeter setting, runway visual range and remarks for the following selected U.S. stations:

UIL	NOW	BLI	BFI	SEA	SMP	EAT	DLN	LVM
EPH	YKM	MWH	GEG	FCA	CTB	HVR	BZN	BTM
GTF	MSO	HLN	LWT					

Code: Airways Code

SDUS21 KWBC

0035 PE1H

Teletype plots of current radar composite intensities for the northeastern section of the U.S. Based on polar stereographic grid. To be used with an overlay.

Code: Special Grid Point

SDUS22 KWBC

0035 PE1H

Teletype plots of radar composite intensities for the southeastern section of the U.S. Based on polar stereographic grid. To be used with an overlay.

Code: Special Grid Point

SDUS23 KWBC

0035 PE1H

Teletype plots of radar composite intensities for the northcentral section of the U.S. Based on polar stereographic grid. To be used with an overlay.

Code: Special Grid Point

SDUS24 KWBC

0035 PE1H

Teletype plots of radar composite intensities for the southcentral section of the U.S. Based on polar stereographic grid. To be used with an overlay.

Code: Special Grid Point

SDUS25 KWBC

0035 PE1H

Teletype plots of radar composite intensities for the northwestern section of the U.S. Based on polar

stereographic grid. To be used with an overlay.

Code: Special Grid Point

SDUS26 KWBC

0035 PE1H

Teletype plots of radar composite intensities for the southwestern section of the U.S. Based on polar stereographic grid. To be used with an overlay.

Code: Special Grid Point

SDUS40 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the northwestern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS41 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the northcentral U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS42 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the northeastern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS43 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for Oregon. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS44 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the Plains section of the U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS45 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the Mid Atlantic States. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS46 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for California. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS47 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the central U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS48 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the eastcentral U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS49 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the southwestern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS50 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the southern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS51 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the southeastern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS52 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the western Gulf Section of the U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS53 KWBC

0010 PE1H

3-Hour running total of radar composite intensities for the Gulf Section of the U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS60 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the northwestern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS61 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the northcentral U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS62 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the northeastern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS63 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for Oregon. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS64 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the Plains section of the U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS65 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the Mid Atlantic states. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS66 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for California. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS67 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the central U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS68 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the eastcentral U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS69 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the southwestern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS70 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the southern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS71 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the southeastern U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS72 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the west Gulf section of the U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS73 KWBC

0010 PE1H

4-Hour running summary of radar composite intensities for the Gulf Section of the U.S. Based on a distorted geo grid. To be used with an overlay.

Code: Special Grid Point

SDUS8 KWBC

0050 PE1H

A collection of all current radar reports from U.S. radar sites.

Code: Domestic Radar Observation Code

SEXX1 KWBC

As Required

Earthquake report originated at the National Earthquake Information Service, U.S. Geological Survey, to be sent to Offenbach. Area covered is worldwide.

Code: Plain Language

SEXX2 KWBC

As Required

Earthquake report originated at the National Earthquake Information Center, NOAA, intended primarily for use by Weather Service Offices for providing information regarding earthquakes.

Code: Plain Language

SEXX40 KWBC

As Required

Earthquake notice and report requests for information from Weather Service stations in affected areas.

These messages originate at the National Earthquake Information Service, U.S. Geological Survey. Usually contains the following information: Location, date, time, and strength of the earthquake. Area covered is worldwide.

Code: Plain Language

SEX41 KWBC

0400 PE6H

Earthquake felt information originated in Albuquerque, NM and/ or LaJolla, CA and sent via satellite to the Pacific Tsunami Warning Center (PTWC) in Honolulu, HA, in response to satellite interrogation from the PTWC.

Code: Plain Language

SIA120 KWBC

0300

Surface report from the following station in the Ascension Islands:

61902 Wide Awake Field, A.I.

Code: PE6H

SICN20 KWBC

0300 PE6H

Computer-processed surface reports of the following selected Canadian stations:

71600	Sable Island, NS	71714	Quebec, QUE
71601	Shearwater, NS	71735	Earlton, ONT
71603	Yarmouth, NS	71738	Wawa, ONT
71623	London, ONT	71801	St. Johns, NFLD
71627	Montreal/Int., QUE	71803	Gander/Int., NFLD
71630	Muskoka, ONT	71807	Argentia Vtms, NFLD
71705	Moncton, NB	71813	Natashquan, QUE
71707	Sydney, NS	71815	Stephenville, NFLD
71709	Grindstone Island, QUE		

Code: FM 12-VII (SYNOP)

SICN21 KWBC

0300 PE6H

Computer-processed surface reports of the following selected Canadian stations:

71816	Goose, NFLD	71894	Estevan Point, BC
71819	St. Anthony, NFLD	71905	Poste-de-la-Baleine, QUE
71826	Nitchequon, QUE	71906	Fort Chimo, QUE
71828	Shefferville, QUE	71913	Churchill, MAN
71836	Moonsonee, ONT	71915	Coral Harbour, NWT
71842	Sioux Lookout, ONT	71916	Chesterfield, NWT
71852	Winnipeg/Int., MAN	71926	Baker Lake, NWT
71867	The Pas, MAN		

Code: FM 12-VII (SYNOP)

SICN30 KWBC**0300 PE6H**

Computer-processed surface reports of the following selected Canadian stations:

71624	Toronto/Int., QUE
71627	Montreal/Int., QUE

Code: FM 12-VII (SYNOP)

SIUK1 KWBC**0300 PE6H**

Computer-processed surface reports of the following selected United Kingdom stations:

03772	London/Heathrow A., UK
03776	London/Gatwick A., UK

Code: FM 12-VII (SYNOP)

SIUS20 KWBC**0300 PE6H**

Computer-processed surface reports of the following selected U.S. stations:

72201	Key West/Int., FL	72253	San Antonio, TX
72202	Miami/Int., FL	72259	Dallas/Ft. Worth Reg., TX
72206	Jacksonville/Int., FL	72270	El Paso/Int., TX
72208	Charleston/Mun., SC	72304	Cape Hatteras, NC
72210	Tampa Bay, FL	72308	Norfolk/Reg., VA
72217	Macon/Lewis B. Wilson, GA	72312	Greenville/Spartanburg, SC
72222	Pensacola/Mun., FL	72317	Greensboro/High Point, NC
72226	Montgomery/Dannelly, AL	72326	Knoxville/Mun., TN
72235	Jackson/Thompson Field, MS	72327	Nashville/Metro. A., TN
72240	Lake Charles/Mun., LA	72344	Fort Smith/Mun., AR
72248	Shreveport/Reg., LA		

Code: FM 12-VII (SYNOP)

SIUS21 KWBC

0300 PE6H

Computer-processed surface reports of the following selected U.S. stations:

72353	Oklahoma City, OK	72445	Columbia/Reg., MO
72363	Amarillo/Int., TX	72446	Kansas City/Int., MO
72365	Albuquerque/Int., NM	72451	Dodge City/Mun., KS
72405	Washington/National, DC	72469	Denver/Stapleton Int., CO
72408	Philadelphia/Int., PA	72503	New York/La Guardia, NY
72410	Lynchburg/P. Glenn, VA	72506	Nantucket/Memorial, MA
72414	Charleston/Kanawha, WV	72509	Boston/Logan Int., MA
72423	Louisville/Standiford, KY	72512	Phillipsburg/Midstate, PA
72425	Huntington/Tristate, WV	72513	Wilkes-Barre, PA
72429	Dayton, OH	72518	Albany/Albany Co., NY
72438	Indianapolis, IN		

Code: FM 12-VII (SYNOP)

SIUS22 KWBC

0300 PE6H

Computer-processed surface reports of the following selected U.S. stations:

72519	Syracuse/Hancock, NY	72635	Grand Rapids/Kent Co., MI
72520	Pittsburgh/Int., PA	72639	Alpena/Phelps Collins, MI
72524	Cleveland/Hopkins, OH	72645	Green Bay/A. Straubel, WI
72528	Buffalo/Int., NY	72654	Huron/Reg., SD
72532	Peoria/Greater Peoria, IL	72655	Saint Cloud/Whitney, MN
72533	Fort Wayne, IN	72662	Rapid City/Reg., SD
72534	Chicago/Midway, IL	72677	Billings/Logan, MT
72537	Detroit/Metropolitan, MI	72712	Caribou/Mun., ME
72553	Omaha/Eppley Airfield, NE	72734	Sault Sainte Marie, MI
72562	North Platte/Lee Bird, NE	72747	International Falls, MN
72606	Portland/Int. Jet Port, ME	72753	Fargo/Hector, ND
72617	Burlington/Int., VT		

Code: FM 12-VII (SYNOP)

SIVD15 KWBC

0300 PE6H

Automatic environmental data buoy reports from the following U.S. data buoys that are East of 100W:

Ident.	Location	
41001	35.0N	72.0W
41002	32.3N	75.3W
41003	30.3N	80.4W
41004	32.6N	78.7W
41005	31.7N	79.7W
42001	26.0N	90.0W
42002	26.0N	93.5W

42003	26.0N	86.0W
42004	27.5N	85.5W
42005	30.0N	85.9W
44001	38.7N	73.6W
44002	40.1N	73.0W
44003	40.8N	68.5W
44004	39.0N	70.0W
44005	42.7N	68.3W
45001	48.0N	87.6W
45002	45.3N	86.3W
45003	45.3N	82.8W

Code: FM 13-VII (SHIP)

SIVD16 KWBC

As Needed

Automatic environmental data buoy reports from U.S. data buoys East of 100W which were received too late to be included in SIVD15 KWBC.

Code: FM 13-VII (SHIP)

SIVD17 KWBC

0300 PE6H

Automatic environmental data buoy reports from the following U.S. data buoys that are West of 100W:

Ident.	Location	
46001	56.0N	148.0W
46002	42.5N	130.0W
46003	52.0N	156.0W
46004	51.0N	136.0W
46005	46.0N	131.0W
46006	41.0N	138.0W
46007	59.2N	152.7W
46008	57.1N	151.7W
46009	60.2N	146.7W

Code: FM 13-VII (SHIP)

SIVD18 KWBC

As Needed

Automatic environmental data buoy reports from U.S. data buoys West of 100W which were received too late to be included in SIVD17 KWBC.

Code: FM 13-VII (SHIP)

SMAI1 KWBC

1200 Daily

Surface report from the following station in the Ascension Islands:

61902 Wide Awake Field, A. I.

Code: FM 12-VII (SYNOP)

SMAK1 KWBC

0000 PE6H

Surface reports from the following selected Alaskan stations:

70026	Barrow, AK	70273	Anchorage/Int., AK
70086	Barter Island, AK	70308	St. Paul, AK
70133	Kotzebue, Ralph Wien, AK	70316	Cold Bay, AK
70174	Bettles, AK	70326	King Salmon, AK
70200	Nome, AK	70350	Kodiak, AK
70207	Unalakleet, AK	70361	Yakutat, AK
70219	Bethel/Bethel A., AK	70381	Juneau, AK
70231	McGrath, AK	70398	Annette Island, AK
70235	Sparrevohn AFS, AK	70414	Shemya AFB, AK
70261	Fairbanks/Int., AK	70454	Adak/Navy, AK

Code: FM 12-VII (SYNOP)

SMAK20 KWBC

0000 PE6H

Surface reports from the following selected Alaskan stations:

70251	Talkeetna, AK
70264	Summit, AK
70341	Homer/Mun., AK

Code: FM 12-VII (SYNOP)

SMAK21 KWBC

0000 PE6H

Surface reports from the following selected Alaskan stations:

70194	Fort Yukon, AK
70340	Iliamna/Iliamna A., AK
70482	Nikolski, AK

Code: FM 12-VII (SYNOP)

SMAK31 KWBC

0000 PE6H

AMOS and/or RAMOS data that has been converted into synoptic code. The following selected Alaskan Stations are included:

70179	Manley Hot Springs, AK	70321	Dillingham/Mun., AK
70194	Fort Yukon, AK	70333	Port Heiden, AK
70232	Aniak, AK	70340	Iliamna/Iliamna A., AK
70264	Summit, AK	70343	Middleton Island, AK
70267	Big Delta, AK	70489	Duch Harbour, AK
70271	Gulkana/Int. Field, AK		

Code: FM 12-VII (SYNOP)

SMCA1 KWBC

0000 PE6H

Surface reports from the following selected Caribbean area stations:

78016	NAS St. George's, Bermuda
78073	Nassau A., Bahamas
78255	Camaguey, Camaguey, Cuba
78325	Casa Blanca, Habana, Cuba
78367	Guantanamo, Oriente, Cuba
78397	Kingston/Norman Manley, Jamaica
78486	Santo Domingo, Dominican Republic
78501	Islas Del Cisne, Honduras
78526	San Juan/Int., Puerto Rico
78641	Guatemala (Aeropuerto la Aurora), Guatemala
78663	San Salvador/Ilopango, El Salvador
78720	Tegucigalpa, Honduras
78741	Managua, Nicaragua
78762	San Jose/Juan Santamaria, Costa Rica
78806	Howard AFB, Panama
78897	Le Raizet, Guadeloupe
78925	Lamentin, Martinique
78954	Grantley Adams, Barbados
78970	Piarco Int. A., Trinidad
78988	Dr. A. Plesman A., Curacao
78313	Isabel Rubio, Pinar del Rio, Cuba
78360	Cabo Cruz, Oriente, Cuba
78365	Punta Lucrecia, Oriente, Cuba
78409	Cap-Haitien, Haiti
78447	Cayas, Haiti
78862	Coolidge A., Antigua

Code: FM 12-VII (SYNOP)

SMCA10 KWBC

0000 PE6H

Surface reports from the following selected Caribbean area stations:

78062	Freeport, Grand Bahama, Bahamas
78066	Green Turtle Cay, Abaco, Bahamas
78073	Nassau A., Bahamas
78088	Cockburn Town, San Salvador, Bahamas
78092	George Town, Exuma, Bahamas
78095	Clarence Town, Long Island, Bahamas
78109	Abraham Bay, Mayaguana, Bahamas
78121	Matthew Town, Inagua, Bahamas

78367 Guantanamo, Oriente, Cuba
78384 Owen Roberts A., Grand Cayman
78388 Montego Bay/Sangster, Jamaica
78397 Kingston/Norman Manley, Jamaica
78457 Puerto Plata, Dominican Republic
78467 Sabana de la Mar, Dominican Republic
78485 Caucedo, Dominican Republic
78501 Islas Del Cisne, Honduras
78526 San Juan/Int., Puerto Rico

Code: FM 12-VII (SYNOP)

SMCA11 KWBC

0000 PE6H

Surface reports from the following selected Caribbean area stations:

78583 Belize/International A., Belize
78641 Guatemala (Aeropuerto la Aurora), Guatemala
78663 San Salvador/Ilopango, El Salvador
78720 Tegucigalpa, Honduras
78741 Managua, Nicaragua
78762 San Jose/Juan Santamaria, Costa Rica
78806 Howard AFB, Panama
78862 Coolidge A., Antigua
78866 Juliana A., St. Maarten
78897 Le Raizet, Guadeloupe
78925 Lamenti, Martinique
78954 Grantley Adams, Barbados
78970 Piarco Int. A., Trinidad
78988 Dr. A. Plesman A., Curacao
80001 San Andres Island, Columbia
80415 Caracas/Maiquetia, Venezuela

Code: FM 12-VII (SYNOP)

SMCA2 KWBC

0000 PE6H

Surface reports from the following selected Caribbean area stations; (*06,12, and 18Z only):

78348 Caibarien, Las Villas, Cuba
78353 Nuevitas, Camaguey, Cuba
78388 Montego Bay/Sangster, Jamaica
78399 Morant Point, Jamaica
78457 Puerto Plata, Dominican Republic
78467 Sabana de la Mar, Dominican Republic
78478 Cabo Engano, Dominican Republic
78482 Barahona, Dominican Republic
78650 Acajutla, El Salvador
78701 Guanaja, Honduras
78706 Tela, Honduras

78708 La Mesa (San Pedro Sula), Honduras
78714 Catacamas, Honduras
78717 Santa Rosa de Copan, Honduras
78724 Choluteca, Honduras
78730 * Puerto Cabezas, Nicaragua
78735 * Juigalpa, Nicaragua
78739 * Chinandega, Nicaragua
78745 * Bluefields, Nicaragua
78894 Gustavia, St. Barthelemy
78962 Crown Point A., Tobago
78982 Prinses Beatrix A., Aruba
78317 Paso Real de San Diego, Pinar del Rio, Cuba
78349 Sancti, Spiritus, Las Villas, Cuba
78583 Beliza/ Int., Belize
78946 Castries, St. Lucia

Code: FM 12-VII (SYNOP)

SMCA3 KWBC

0000, 1200, and 1800 Daily

Surface reports from the following selected Caribbean area stations:

78062 Freeport, Grand Bahama, Bahamas
78088 Cockburn Town, San Salvador, Bahamas
78092 George Town, Exuma, Bahamas
78109 Abraham Bay, Mayaguana, Bahamas
78615 Flores, Guatemala
78637 Puerto Barrios, Guatemala
78647 San Jose, Guatemala
78711 Puerto Lempira, Honduras
78907 Roseau, Dominica
78956 Pearls A., Grenada
80001 San Andres Island, Columbia
78002 Providencia Island, Columbia
78384 Owen Roberts A., Grand Cayman
78755 Nicoya, Costa Rica
78760 Puntarenas, Costa Rica
78772 Palmar Sur, Costa Rica
78894 Gustavia, St. Barthelemy

Code: FM 12-VII (SYNOP)

SMCA40 KWBC

0000 PE6H

Surface reports from the following selected Cuban stations:

78221 Nueva Gerona, Isla de Pinos
78224 Aero puerto Jose Marti, Rancho-Boyeros, Habana

78318 Bahia Honda, Pinar del Rio, Cuba
78338 Saqua LaGrande, LasVillas, Cuba
78339 Santa Clara, LasVillas, Cuba
78344 Cienfuegos, LasVillas, Cuba
78351 Santa Cruz del Sur, Camaquey, Cuba
78366 Gran Piedra, Oriente, Cuba
78369 Punta Maisi, Oriente, Cuba
78439 Port-Au-Prince/Bowden Field, Haiti
78705 La Ceiba A., Honduras

Code: FM 12-VII (SYNOP)

SMCA41 KWBC

0000 PE6H

Surface reports from the following selected Caribbean area stations:

78066 Green Turtle Bay, Abaco, Bahamas
78311 LaBajada, Pinar del Rio, Cuba
78326 Matanzas, Matanzas, Cuba
78346 Ciego de Avila, Camahuey, Cuba
78627 Huehuetenango, Guatemala
78789 Ailigandi, Panama
78793 David, Panama
78795 Santiago, Panama

Code: FM 12-VII (SYNOP)

SMCN1 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71098	Port Burwell, NWT	71852	Winnipeg Int., MAN
71600	Sable Island, NS	71863	Regina, SASK
71603	Yarmouth, NS	71869	Prince Albert, SASK
71624	Toronto Int., ONT	71877	Calgary Int., ALTA
71707	Sydney, NS	71882	Revelstoke, BC
71714	Quebec, QUE	71893	Comox, BC
71803	Gander Int. A., NFLD	71901	Border, QUE
71816	Goose, NFLD	71918	Arctic Bay, NWT
71826	Nitchequon, QUE	71927	Gladman Point, NWT
71834	Geraldton, ONT	71936	Yellowknife, N.W.T.
71836	Moosonee, ONT	71940	Grande Prairie, ALTA
71848	Trout Lake, ONT	71957	Inuvik, NWT

Code: FM 12-VII (SYNOP)

SMCN2 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71078	Lynn Lake, MAN	71749	Thunder Bay, ONT
71081	Hall Beach, NWT	71811	Sept-Îles, QUE
71092	Dewars Lakes, NWT	71815	Stephenville, NFLD
71094	Cape Dyer, NWT	71818	Cartwright, NFLD
71109	Port Hardy, BC	71828	Scheffersville, QUE
71601	Shearwater, NS	71831	Kapuskasing, ONT
71627	Montreal Int., QUE	71867	The Pas, MAN
71705	Moncton, NB	71870	Swift Current, SASK
71709	Grindstone Island, QUE	71872	Medicine Hat, ALTA
71711	Charlo, NB	71891	Lytton, BC
71717	Chatham, NB	71896	Prince George, BC

Code: FM 12-VII (SYNOP)

SMCN20 KWBC

0000 PE6H

Surface reports for the following selected Canadian stations:

71397	Greenwood, NS
71600	Sable Island, NS
71601	Shearwater A., NS
71603	Yarmouth A., NS
71604	Eddy Point, NS
71621	Trenton A., ONT
71623	London A., ONT
71624	Toronto Int., ONT
71625	Pettawawa A., ONT
71627	Montreal Int., QUE
71628	Ottawa/Int., ONT
71630	Muskoka, ONT
71705	Moncton A., NB

71707 Sydney A., NS
71714 Quebec A., QUE
71722 Maniwaki, QUE
71731 North Bay A., ONT

Code: FM 11-V (SYNOP)

SMCN3 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71043	Norman Wells, NWT	71915	Coral Harbour, NWT
71051	Sachs Harbour, NWT	71917	Eureka, NWT
71072	Mould Bay, NWT	71924	Resolute, NWT
71074	Isachsen, NWT	71925	Cambridge Bay, NWT
71082	Alert, NWT	71926	Baker Lake, NWT
71090	Clyde, NWT	71932	Fort McMurray, ALTA
71120	Cold Lake, ALTA	71934	Fort Smith, NWT
71123	Edmonton Int. A., ALTA	71938	Coppermine, NWT
71140	Brandon, MAN	71945	Fort Nelson, BC
71145	Island Lake, MAN	71953	Watson Lake, YT
71909	Frobisher Bay, NWT	71964	Whitehorse, YT
71913	Churchill MAN	71965	Mayo, YT

Code: FM 12-VII (SYNOP)

SMCN4 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71735	Earlton, ONT	71904	Koartak, QUE
71822	Chibougamau, QUE	71905	Poste-de-la-Baleine, QUE
71842	Sioux Lookout, ONT	71912	Gillam, MAN
71855	Dauphin, MAN	71919	Pelly Bay, NWT
71862	Estevan, SASK	71920	Cree Lake, SASK
71874	Lethbridge, ALTA	71922	La Ronge, SASK
71884	Castlegar, BC	71923	Ennadai Lake, NWT
71888	Jasper, ALTA	71929	Byron Bay, NWT
71889	Penticon, BC	71933	Fort Chipewyan, ALTA
71892	Vancouver Int., BC	71935	Hay River, NWT
71894	Estevan Point, BC	71941	Germansen Landing, BC
71899	Langara, BC	71966	Dawson, YT

Code: FM 11-V (SYNOP)

SMCN40 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71601	Shearwater, NS	71705	Moncton, NB
71603	Yarmouth, NS	71714	Quebec, QUE
71610	Sherbrooke, QUE	71715	Riviere Du Loup, QUE
71620	Kingston, ONT	71717	Chatham, NB
71621	Trenton, ONT	71727	Bagotville, QUE
71623	London, ONT	71728	Roberval, QUE
71624	Toronto/Int., ONT	71730	Sudbury, ONT
71625	Petawawa, ONT	71731	North Bay, ONT
71627	Montreal/Int., ONT	71733	Gore Bay, ONT
71620	Ottawa/Int., ONT	71735	Earlton, ONT
71630	Muskoka, ONT	71739	Timmins, ONT
71631	Mount Forest, ONT	71748	Atikokan, ONT
71700	Fredericton, NB	71811	Sept-Isles, QUE

Code: FM 12-VII (SYNOP)

SMCN41 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71600	Sable Island, NS	71730	Sudbury, ONT
71601	Shearwater, NS	71731	North Bay, ONT
71603	Yarmouth, NS	71801	St. John's, NFLD
71630	Muskoka, ONT	71803	Gander/Int., NFLD
71631	Mount Forest, ONT	71805	St. Pierre, NFLD
71633	Warton, ONT	71810	Port Menier, QUE
71707	Sydney, NS	71811	Sept-Isles, QUE
71709	Grindstone Island, QUE	71813	Natashquan, QUE
71714	Quebec, QUE	71815	Stephenville, NFLD
71717	Chatham, NB	71816	Goose, NFLD
71718	Mont Joli, QUE		

Code: FM 11-V (SYNOP)

SMCN42 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71818	Cartwright, NFLD	71868	Hudson Bay, SASK
71819	Saint Anthony, NFLD	71900	Hopedale, NFLD
71826	Nitchequan, QUE	71903	Resolution Island, NWT
71828	Schefferville, QUE	71904	Koartak, QUE
71831	Kapuskasing, ONT	71905	Poste-De-La-Baleine, QUE
71836	Moosonee, ONT	71907	Inoucdjouac, QUE
71841	Armstrong, ONT	71909	Frobisher Bay, NWT
71848	Trout Lake, ONT	71912	Gillam, MAN
71851	Portage La Prairie, MAN	71913	Churchill, MAN
71855	Dauphin, MAN	71915	Coral Harbour, NWT
71861	Broadview, SASK	71916	Chesterfield, NWT

Code: FM 11-V (SYNOP)

SMCN43 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71527	Simcoe, ONT	71738	Wawa, ONT
71538	Windsor, ONT	71739	Timmins, ONT
71621	Trenton, ONT	71748	Atikokan, ONT
71623	London, ONT	71749	Thunder Bay, ONT
71628	Ottawa, ONT	71831	Kapuskasing, ONT
71630	Muskoka, ONT	71834	Geraldton, ONT
71631	Mount Forest, ONT	71836	Moosonee, ONT
71633	Warton, ONT	71841	Armstrong, ONT
71730	Sudbury, ONT	71842	Sioux Lookout, ONT
71731	North Bay, ONT	71846	Lansdowne House, ONT
71733	Gore Bay, ONT	71848	Trout Lake, ONT
71735	Earlton, ONT		

Code: FM 11-V (SYNOP)

SMCN44 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71799	Victoria/Int., BC	71896	Prince George, BC
71867	The Pas, MAN	71913	Churchill, MAN
71869	Prince Albert, SASK	71934	Fort Smith, NWT
71879	Edmonton/Mun., ALTA	71945	Fort Nelson, BC

Code: FM 11-V (SYNOP)

SMCN45 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71050	Puntzi Mountain, BC	71114	Hope, BC
71100	Triple Island, BC	71880	Cranbrook, BC
71101	Sandspit, BC	71882	Revelstoke, BC
71102	Ethelda Bay, BC	71883	Blue River, BC
71103	Quesnel, BC	71884	Castlegar, BC
71104	Williams Lake, BC	71886	Princeton, BC
71105	Spring Island, BC	71890	Nanaimo, BC
71106	Tofino, BC	71892	Vancouver Int'l A., BC
71107	Cape Saint James, BC	71893	Comox, BC
71108	Abbotsford, BC	71894	Estevan Point, BC
71109	Port Hardy, BC	71895	Bull Harbour, BC
71110	Alert Bay, BC	71897	McInnes Island, BC
71111	Cape Scott BC	71898	Prince Rupert, BC
71113	Alta Lake, BC	71899	Langara, BC

Code: FM 11-V (SYNOP)

SMCN46 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71068	Peasce River, ALTA	71887	Kamleeps, BC
71069	Slave Lake, ALTA	71888	Jasper, ALTA
71122	Branff, ALTA	71889	Penticton, BC
71123	Edmonton/Int., ALTA	71891	Lytton, BC
71852	Winnipeg/Int., MAN	71896	Prince George, BC
71867	The Pas, MAN	71930	Whitecourt, ALTA
71871	Vermilion, ALTA	71932	Fort McMurray, ALTA
71872	Medicine Hat, ALTA	71933	Fort Chipewyan, ALTA
71873	Coronation, ALTA	71940	Grande Prairie, ALTA
71874	Lethbridge, ALTA	71941	Germansen Landing, BC
71875	Pincher Creek, ALTA	71943	Fort Saint John, BC
71877	Calgary Int. A., ALTA	71945	Fort Nelsen, BC
71878	Red Deer, ALTA	71950	Smithers, BC
71881	Edson, ALTA	71951	Terrace, BC

Code: FM 11-V (SYNOP)

SMCN47 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71043	Norman Wells, NWT	71922	La Ronge, SASK
71045	Teslin, YT	71934	Fort Smith, NWT
71062	Contwoy to Lake, NWT	71935	Hay River, NWT
71073	Fort Reliance, NWT	71936	Yellowknife, NWT
71076	Uranium City, SASK	71938	Coppermine, NWT
71129	Kindersley, SASK	71946	Fort Simpson, NWT
71852	Winnipeg Int., MAN	71949	Faro, YT
71862	Estevan, SASK	71953	Watson Lake, Yukon Terr.
71863	Regina, SASK	71957	Innvik, NWT
71864	Moose Jaw, SASK	71958	Dease Lake, BC
71866	Saskatoon, SASK	71946	Whitehorse, YT
71868	Hudson Bay, SASK	71965	Mayo, YT
71869	Prince Albert, SASK	71966	Dawson, YT
71870	Swift Current, SASK	71967	Burwash, YT
71876	North Battleford, SASK		

Code: FM 11-V (SYNOP)

SMCN48 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71069	Slave Lake, ALTA	71896	Prince George, BC
71107	Cape Saint James, BC	71897	McInnes Island, BC
71109	Port Hardy, BC	71899	Langara, BC
71123	Edmonton Int., ALTA	71932	Fort McMurray, ALTA
71877	Calgary Int., ALTA	71940	Grand Prairie, ALTA
71887	Kamloops, BC	71943	Fort Saint John, BC
71888	Jasper, ALTA	71945	Fort Nelson, BC
71892	Vancouver Int., BC	71950	Smithers, BC
71893	Comox, BC	71958	Dease Lake, BC

Code: FM 11-V (SYNOP)

SMCN49 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations.

71043	Norman Wells, NWT	71934	Fort Smith, NWT
71852	Winnipeg Int., MAN	71936	Yellowknife, NWT
71861	Broadview, SASK	71937	Lady Franklin Point, NWT
71867	The Pas, MAN	71946	Fort Simpson, NWT
71869	Prince Albert, SASK	71964	Whitehorse, YT
71870	Swift Current, SASK	71965	Mayo, YT
71921	Brochet, MAN	71966	Dawson, YT
71923	Ennadai Lake, NWT		

Code: FM 11-V (SYNOP)

SMCN5 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71073	Fort Reliance, NWT	71812	Lake Eon, QUE
71604	Eddy Point, NS	71814	Harrington Harbour, QUE
71621	Trenton, ONT	71819	St. Anthony, NFLD
71625	Petawawa, ONT	71821	Matagami, QUE
71722	Maniwaki, QUE	71825	Wabush Lake, NFLD
71725	Val D'or, QUE	71846	Lansdowne House, ONT
71726	Parent, QUE	71871	Vermilion, ALTA
71730	Sudbury, ONT	71900	Hopedale, NFLD
71731	North Bay, ONT	71910	Cape Dorset, NWT
71805	St. Pierre, (FR)	71916	Chesterfield, NWT
71807	Argentia, NFLD	71948	Cape Parry, NWT

Code: FM 12-VII (SYNOP)

SMCN50 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71043	Norman Wells, NWT	71141	Norway House, MAN
71051	Sachs Harbour, NWT	71143	Bissett, MAN
71072	Mould Bay, NWT	71145	Island Lake, MAN
71074	Isachsen, NWT	71148	Pilot Mound, MAN
71078	Lynn Lake, MAN	71702	Summerside, PEI
71081	Hall Beach, NWT	71856	Gimli, MAN
71082	Alert, NWT	71858	Grand Rapids, MAN
71090	Clyde, NWT	71865	Wynyard, SASK
71120	Cold Lake, ALTA	71876	North Battleford, SASK
71125	Meadow Lake, SASK	71917	Eureka, NWT
71126	Brooks, ALTA	71924	Resolute, NWT
71135	Rockglen, SASK	71926	Baker Lake, NWT
71138	Yorkton, SASK	71928	Rocky Mountain House, ALTA
71140	Brandon, MAN	71934	Fort Smith, NWT

Code: FM 11-V (SYNOP)

SMCN51 KWBC

0000 PE6H

Surface reports from the following Canadian station:

71623 London, ONT

Code: FM 11-V (SYNOP)

SMCN6 KWBC

0000 PE6H

Surface reports from the following selected Canadian stations:

71045	Teslin, YT	71141	Norway House, MAN
71050	Puntzi Mountain, BC	71143	Bissett, MAN
71062	Contwoyto Lake, NWT	71187	Baie Comeau, QUE
71066	High Level, ALTA	71906	Fort Chimo, QUE
71069	Slave Lake, ALTA	71907	Inoucdjouac, QUE
71076	Uranium City, SASK	71944	MacKenzie, BC
71079	Thompson, MAN	71946	Fort Simpson, NWT
71091	Longstaff Bluff, NWT	71951	Terrace, BC
71104	Williams Lake, BC	71958	Dease Lake, BC
71107	Cape St. James, BC	71967	Burwash, YT
71138	Yorkton, SASK		

Code: FM 12-VII (SYNOP)

SMEU1 KWBC

0000 PE6H

Surface reports from the following selected European stations:

03162	Eskdalemuir, UK	07055	Beauvais, FR
03185	St. Abb's Head, UK	07061	Saint-Quentin, FR
03257	Leeming, UK	07119	Rostrenen, FR
03344	Bingley, UK	07140	Chateaudun, FR
03396	Spurn Point, UK	07169	St-Dizier, FR
03323	Liverpool A., UK	07230	Angers, FR
03360	Finningley, UK	07249	Orleans/Bricy, FR
03414	Shawbury, UK	07255	Bourges, FR
03462	Wittering, UK	07270	Chateau-Chinon, FR
03494	Cromer, UK	07283	Langres, FR
03528	Pershore, UK	07292	Luxeuil, FR
03558	Bedford R.A.E., UK	07412	Cognac, FR
03609	Mumbles, UK	07428	Perigueux, FR
03628	Bristol/Filton, UK	07524	Agen, FR
03658	Benson, UK	07558	Millau, FR
03696	Walton-On-Naze, UK	07579	Orange, FR
03703	Hartland Point, UK	07603	Dax/Seyresse, FR
03853	Yeovilton, UK	07607	Mont-de-Marsan, FR
03880	Newhaven, UK	07623	Auch, FR
07005	Abbeville, FR	07635	Carcassonne, FR
07017	Cambrai, FR	07646	Nimes/Garons, FR
07038	Evreux, FR	07667	Hyerres, FR
07053	Cormeilles en Vexin, FR		

Code: FM 11-V (SYNOP)

SMEU2 KWBC

0000 PE6H

Surface reports from the following selected European stations:

08071	Palencia, SP	09359	Gardelegen, GDR
08084	Logrono/Agoncillo, SP	09449	Leinefelde, GDR
08130	Lamora, SP	09453	Brocken, GDR
08171	Lerida, SP	09460	Artern, GDR
08180	Barcelona, SP	09469	Leipzig-Schkeuditz, GDR
08202	Salamanca/Matacan, SP	09474	Wittenberg, GDR
08210	Avila, SP	09479	Collmberg, GDR
08215	Navacerrada, SP	09490	Doberlug-Kirchhain, GDR
08321	Cuenca, SP	09499	Gorlitz, GDR
08261	Caceres, SP	09567	Gera-Leumnitz, GDR
08272	Toledo, SP	09569	Plauen, GDR
08348	Ciudad Real, SP	09577	Karl-Marx-Stadt, GDR
08410	Cordoba/A., SP	10305	Lingen, FRG
08429	Murcia/Alcantarilla, SP	10402	Wildenrath, FRG
08487	Almeria/A., SP	10405	Laarbruch, FRG
08536	Lisboa/Portela, PO	10430	Bad Lippspringe, FRG
08538	Sagres, PO	10437	Fritzlar, FRG
08554	Fare, PO	10444	Gottingen, FRG
08557	Evora, PO	10635	Wahlen, FRG
08562	Beja, PO	10655	Wurzburg, FRG
09161	Boltenhagen-Redewisch, GDR	10727	Karlsruhe, FRG
09170	Warnemunde, GDR	10742	Ohringen, FRG
09177	Teterow, GDR	10763	Nurnberg, FRG
09270	Neuruppin, GDR	10853	Neuburg/Donau, FRG

Code: FM 11-V (SYNOP)

SMEU3 KWBC

0000 PE6H

Surface reports from the following selected European stations:

11448	Plzen/Dobruany, CZ	12566	Krakow/Balice, PL
11603	Liberec, CZ	12575	Tarnow, PL
11648	Hradec Kralove, CZ	12595	Zamosc, PL
11659	Pribyslav, CZ	12822	Gyor, PL
11679	Usti Nad Orlici, CZ	12825	Papa, PL
11735	Praded, CZ	12860	Szolnok, PL
11774	Holesov, CZ	12892	Nyiregyhaza, PL
11816	Bratislava, CZ	12960	Baja, PL
11826	Piestany, CZ	12970	Kecskemet, PL
11858	Hurbanovo, CZ	13015	Ljubljana/Bezigrad, YG
11903	Sliac, CZ	13021	Smartno, YG
11993	Kamenica Nad Cirochou, CZ	13033	Varazdin, YG
12150	Gdansk-Rebiechowo, PL	13067	Palic, YG
12185	Ketrzyn, PL	13107	Kaper YG
12195	Suwalki, PL	13142	Daruvár, YG
12205	Szczecin-Dabie, PL	13150	Slavonski Brod, YG
12235	Chojnice, PL	13157	Osijek
12270	Mlawa, PL	13168	Novi Sad-Petrovaradin, YG
12300	Gorzow Wlkp, PL	13174	Kikinda, YG
12360	Plock, PL	13183	Vrsac, YG
12385	Siedlce, PL	13262	Loznica, YG
12435	Kalisz, PL	13269	Valjevo, YG
12495	Lublin, PL	13289	Crni Vrh, YG
12560	Katowice, PL	13376	Kroljevo, YG

Code: FM 11-V (SYNOP)

SMEU4 KWBC

0000 PE6H

Surface reports from the following selected European stations:

13384	Cuprija, YG	16117	Levaldigi, IY
13388	Nis, YG	16119	Passo Dei Giovi, IY
13397	Dimitrovgrad, YG	16130	Parma, IY
13455	Hercegnovi-Igalo, YG	16138	Ferrara, IY
13493	Kriva Palanka, YG	16140	Bologna/Borgo Panigale, IY
13577	Lazaropole, YG	16146	Marina Di Ravenna, IY
13583	Bitola, YG	16148	Cervia, IY
13592	Demir Kapya, YG	16149	Rimini, IY
15010	Satu Mare, RO	16170	Firenze/Peretola, IY
15020	Botosani, RO	16181	Perugia, IY
15080	Oradea, RO	16206	Grosseto, IY
15150	Bacau, RO	16230	Pescara, IY
15346	Rimnicu Vilcea, RO	16252	Campobasso, IY
15360	Sulina, RO	16270	Bari/Palese Macchie, IY
15410	Droketi Tr. Severin, RO	16289	Napoli/Capodichino, IY
15450	Craiova, RO	16300	Potenza, IY
15550	Silistra, RO	16405	Palermo/Punta Raisi, IY
15601	Kustendil, RO	16460	Catania/Fontanarossa, IY
15642	Elhovo, RO	16506	Guardiavacchia, IY
16070	Grigna Settentrionale, IY	16539	Capo Frasca, IY
16090	Verona/Villafranca, IY	16627	Alexandroupolis, GR
16094	Vicenza, IY	16648	Larissa, GR
16098	Treviso/Intrana, IY	16675	Lamia, GR
16116	Govone, IY	16710	Tripolis, GR

Code: FM 11-V (SYNOP)

SMMX1 KWBC

0000 PE6H

Surface reports from the following selected Mexican stations:

76050	Ensenada, BCN	76499	Soto la Marina, TAMPS
76151	Isla Guadalupe, BCN	76548	Tampico, TAMPS
76225	Chihuahua, CHIH	76556	Tepic, NAY
76342	Monclova, COAH	76581	Rio Verde, SLP
76382	Torreon, COAH	76644	Merida Int., YUC
76405	La Paz, BCS	76805	Acapulco, GRO
76458	Mazatlan, SIN		

Code: FM 11-V (SYNOP)

SMMX2 KWBC

0000 PE6H

Surface reports from the following selected Mexican stations:

76612	Guadalajara, JAL	76695	Campeche, CAMP
76632	Pachuca, HGO	76723	Isla Socorro, COL
76640	Tuxpan, VER	76762	Chilpancingo, GRO
76648	Cozumel, Q.ROO	76775	Oaxaca, OAX
76654	Manzanillo, COL	76845	Las Casas, CHIS
76680	Mexico (Central), DF	76848	Comitan, CHIS
76685	Puebla, PUE	76855	Puerto Angel, OAX
76687	Jalapa, VER		

Code: FM 11-V (SYNOP)

SMMX20 KWBC

0000 PE6H

Surface reports from the following selected Mexican stations:

76160	Hermosillo, SON	76833	Salina Cruz, OAX
76679	Mexico Int., DF	76903	Tapachula, CHIS
76692	Veracruz, VER		

Code: FM 11-V (SYNOP)

SMMX3 KWBC

0000 PE6H

Surface reports from the following selected Mexican stations:

76122	Nueva Casas Grandes, CHIH	76551	Isla Maria Madre, NAY
76220	Temosachic, CHIH	76571	Aguascalientes, AGS
76243	Piedras Negras, COAH	76577	Guanajuato, GTO
76412	Culiacan, SIN	76625	Queretaro, QRO
76423	Durango, DGO	76665	Morelia, MICH
76490	Isla Perez, YUC	76737	Orizaba, VER
76518	Huejucar, JAL	76750	Chetumal, Q.ROO
76525	Zacatecas, ZAC	76904	Tapachula, CHIS

Code: FM 11-V (SYNOP)

SMPA1 KWBC

0000 PE6H

Surface reports from the following selected Pacific stations:

91066	Midway Island
91155	French Frigate Shoals
91165	Lihue, Kauai, HA
91182	Honolulu, Oahu, HA
91190	Kahului A., Maui, HA
91217	Guam, Mariana Is.
91232	Saipan (CG), Mariana Is.
91245	Wake Island AFB, Wake Island
91250	Eniwetok, Marshall Is.

91275 Johnston Island
91285 Hilo/Gen. Lyman, Hawaii, HA
91317 Woleai Atoll, Caroline Is.
91334 Truk, Caroline Is.
91348 Ponape, Caroline Is.
91356 Kusaie, Caroline Is.
91366 Kwajalein/Bucholz AAF, Marshall Is.
91369 Jaluit Atoll, Marshall Is.
91371 Wotje Atoll, Marshall Is.
91376 Majuro/Marshall Is. Int.
91408 Koror, Palau Is.
91413 Yap, Caroline Is.
91425 Nukuoro Atoll, Caroline Is.
91434 Kapingamarangi Atoll, Caroline Is.
91765 Pago Pago/Int., American Samoa

Code: FM 11-V (SYNOP)

SMPA2 KWBC

0000 PE6H

Pacific Navy ship reports.

Code: FM 13-VII (SHIP)

SMPA20 KWBC

0000 PE6H

Surface reports from the following selected Pacific stations:

91222 Pagan Island, Mariana Is.
91323 Satawal Atoll, Caroline Is.
91338 Satawan Atoll, Caroline Is.
91343 Ujelang Atoll, Marshall Is.
91353 Pingelap Atoll, Caroline Is.
91410 Tobi Island, Caroline Is.
91442 Ebon Atoll, Marshall Is.

Code: FM 11-V (SYNOP)

SMPA3 KWBC

0000 PE6H

Pacific Navy ship reports.

Code: FM 13-VII (SHIP)

SMPA4 KWBC

0000 PE6H

Pacific Navy ship reports.

Code: FM 13-VII (SHIP)

SMRA1 KWBC

0000 PE6H

Surface reports for the following selected U.S.S.R. stations:

34609	Kirillovka, USSR	36622	Ayaguz, USSR
34622	Amvrosievka, USSR	36639	Urdzar, USSR
34646	Cimljanskaja, USSR	36778	Taldy-Kurgan, USSR
34727	Ejsk, USSR	36864	Otar, USSR
34747	Celina, USSR	37036	Nivinnomysok, USSR
34838	Tihoreck, USSR	37145	Mozdak, USSR
34915	Kubanskaya, USSR	37470	Derbent, USSR
34936	Kropotkin', USSR	37735	Kirovabad, USSR
34949	Stavropol', USSR	37907	Fizuli, USSR
36021	Kljuci, USSR	38222	Novo-Troick, USSR
36022	Volciha, USSR	38316	Arys', USSR
36034	Rubcovsk, USSR	38317	Bajrkum, USSR
36036	Krasnoshchekovo, USSR	38328	Cimkent, USSR
36045	Soloneshnoye, USSR	38439	Cardara, USSR
36087	Chadon/Teve-Bazhin, USSR	38565	Nurata, USSR
36097	Khovu-Aksy, USSR	38713	Ura-Tjube, USSR
36213	Ust'-Kan, USSR	38856	Kalay Khumb Valley, USSR
36335	Karkaralinsk, USSR	38886	Tedzen, USSR
36501	Karaaul, USSR	38944	Parhar, USSR

Code: FM 11-V (SYNOP)

SMRS1 KWBC

0000 PE6H

Surface reports for the following selected U.S.S.R. stations:

27485	Joskar-Ola, USSR	28825	Sterlitamak, USSR
27479	Koz' Modem' Jansk, USSR	33679	Kamenka, USSR
27679	Alatyr', USSR	33745	Bel'Cy, USSR
27760	Saransk, USSR	33883	Komrat, USSR
28026	Solikamsk, USSR	33934	Dzankoj, USSR
28116	Kudymkar, USSR	33935	Voronki, USSR
28131	Kizel, USSR	33962	Niznegorsk, USSR
28214	Glazov, USSR	33976	Feodosija, USSR
28240	Nizhnyj Tagil, USSR	34116	Staryj Oskol, USSR
28319	Nozovka, USSR	34152	Balasov, USSR
28334	Samary, USSR	34214	Belgorod, USSR
28367	Tjumen', USSR	34231	Liski, USSR
28382	Ust'-Isim, USSR	34321	Valujki, USSR
28411	Izevsk, USSR	34356	Frolovo, USSR
28419	Janaul, USSR	34409	Lozovaja, USSR
28573	Isim, USSR	34432	Certkovo, USSR
28586	Tjukalinsk, USSR	34537	Dar' Evka, USSR
28621	Birsk, USSR	34545	Morozovsk, USSR
28642	Celjabinsk, USSR	34555	Nizhny-Chir, USSR
28688	Isilkul, USSR	34607	Prisib, USSR

Code: FM 11-V (SYNOP)

SMSA40 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

80009	80022	80028	80062	80074	80089	80091
80094	80099	80110	80144	80213		

Code: FM 11-V (SYNOP)

SMSA41 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

80222	80234	80241	80252	80259	80308	80315
80337	80361	80370	80372	80398		

Code: FM 11-V (SYNOP)

SMSA42 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

80403	80405	80407	80410	80413	80415	80419
80423	80435	80438	80444	80447	80450	80453
80457	80462					

Code: FM 11-V (SYNOP)

SMSA43 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

81002	81005	81006	81100	81202	81209	81225
81250	81251	81253	81401	81405	81408	81415

Code: FM 11-V (SYNOP)

SMSA44 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

84008	84018	84071	84117	84131	84163	84200
84203	84239	84265	84370	84377	84390	84401
84425						

Code: FM 11-V (SYNOP)

SMSA45 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

84444	84452	84455	84501	84515	84534	84542
84628	84658	84686	84691	84721	84735	84752
84782						

Code: FM 11-V (SYNOP)

SMSA46 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

85043	85104	85154	85196	85201	85205	85223
85242	85245	85247	85289	85293	85315	85322
85365						

Code: FM 11-V (SYNOP)

SMSA47 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

85406	85417	85442	85460	85469	85470	85486
85488	85543	85574	85585	85629	85640	

Code: FM 11-V (SYNOP)

SMSA48 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

85682	85732	85743	85766	85799	85862	85874
85889	85930	85934	85967	85972		

Code: FM 11-V (SYNOP)

SMSA49 KWBC

0000 PE6H

Collective of surface reports from the following South American stations:

86017	86033	86086	86134	86218	86233	86260	86297
86350	86360	86460	86500	86560	86580	86595	88890
88903							

Code: FM 11-V (SYNOP)

SMUS1 KWBC

0000 PE6H

Surface reports from the following selected U.S. stations:

72202	Miami/Int., FL	72270	El Paso/Int., TX
72206	Jacksonville/Int., FL	72274	Tucson/Int., AZ
72208	Charleston/Mun., SC	72278	Phoenix/Int., AZ
72211	Tampa/Int., FL	72290	San Diego, CA
72231	New Orleans/Int., LA	72304	Cape Hatteras, NC
72235	Jackson/Thompson, MS	72308	Norfolk/Reg., VA
72240	Lake Charles/Mun., LA	72326	Knoxville/Mun., TN
72242	Galveston, TX	72327	Nashville/Metropolitan, TN
72248	Shreveport/Reg., LA	72334	Memphis/Int., TN
72250	Brownsville/Int., TX	72344	Fort Smith/Mun., AR
72251	Corpus Christi/Int., TX	72353	Oklahoma City, OK
72259	Ft. Worth, Dallas, TX	72363	Amarillo/Air Terminal, TX

Code: FM 11-V (SYNOP)

SMUS2 KWBC

0000 PE6H

Surface reports from the following selected U.S. stations:

72365	Albuquerque/Int., NM	72562	North Platte/Lee Bird, NB
72386	Las Vegas/McCarran, NV	72572	Salt Lake City/Int., UT
72405	Washington/Nat., DC	72583	Winnemucca/Mun., NV
72451	Dodge City/Mun., KS	72606	Portland/Int. Jet Port, ME
72469	Denver/Stapleton Int., CO	72654	Huron/Regional, SD
72476	Grand Junction, CO	72662	Rapid City/Reg., SD
72488	Reno/Int., NV	72681	Boise/Mun., ID
72494	San Francisco/Int., CA	72693	Eugene, Mahlon Sweet, OR
72518	Albany/Albany Co., NY	72734	Sault Ste. Marie, MI
72528	Buffalo/Int., NY	72753	Fargo/Hector, ND
72534	Chicago/Midway, IL	72775	Great Falls/Int., MT
72537	Detroit/Metropolitan, MI	72785	Spokane/Int., WA

Code: FM 11-V (SYNOP)

SMUS20 KWBC

0000 PE6H

Surface reports from the following selected U.S. stations:

72202	Miami/Int., FL	72423	Louisville/Standiford, KY
72217	Macon/Lewis B. Wilson, GA	72429	Dayton/Cox-Dayton Mun., OH
72219	Atlanta/Mun., GA	72464	Pueblo/Memorial, CO
72267	Lubbock, TX	72503	New York/La Guardia, NY
72310	Columbia, SC	72508	Hartford/Bradley Int., CN
72317	Greensboro, NC	72519	Syracuse/Hancock, NY
72324	Chattanooga, TN	72524	Cleveland, OH
72340	North Little Rock/Mun., AR	72550	Eppley Field, Omaha, NB
72401	Richmond/Byrd, VA	72608	Eastport, ME
72406	Baltimore/BWI Int., MD	72618	Rumford, ME
72407	Atlantic City, NJ	72651	Sioux Falls/Foss, SD
72410	Lynchburg/Mun. P. Glenn, VA	72655	St. Cloud/Whitney, MN

Code: FM 11-V (SYNOP)

SMUS21 KWBC

0000 PE6H

AMOS and/or RAMOS data that has been converted into synoptic code. The following selected U.S. stations are included:

72212	Cross City/A., FL	72487	Caliente, NV
72262	Guadalupe Pass, TX	72540	Spickard, MO
72264	Marfa/Mun., TX	72561	Sydney/Mun., NE
72280	Yuma, AZ	72570	Craig/-Moffat A., CO
72330	Poplar Bluff, MO	72619	Greenville, ME
72341	Page, OK	72661	Redig, SD
72360	Clayton/Mun., NM	72665	Gillette, WY
72370	Kingman/Mahave Co. A., AZ	72670	Cody/Mun., WY
72371	Page/A., AZ	72758	Devils Lake, ND
72390	San Simeon, CA	72765	Roseglen, ND
72460	Elkhart/Morton Co. A., KS	74740	Junction/Kimble Co. A., TX
72470	Price/Carbon Co. A., UT		

Code: FM 11-V (SYNOP)

SMUS22 KWBC

0000 PE6H

Surface reports, derived from airway reports, of the following selected U.S. stations:

72212	Cross City/A., FL	72540	Spickard, MO
72262	Guadalupe Pass, TX	72561	Sidney/Mun., NE
72264	Marfa/Mun., TX	72567	Valentine/Miller, NE
72330	Poplar Bluff, MO	72570	Craig/Craig-Moffat A., CO
72341	Page, OK	72581	Wendover/Af. Aux Field, UT
72360	Clayton/Mun., TX	72619	Greenville, ME
72370	Kingman/Mohave Co. A., AZ	72661	Redig, SD
72371	Page/Page A., AZ	72665	Gillette/A., WY
72390	San Simeon, CA	72670	Cody/Mun., WY
72460	Elkhart/-Morton Co. A., KS	72758	Devils Lake, ND
72470	Price/Carbon Co. A., UT	72765	Roseglen, ND
72487	Caliente, NV		

Code: FM 11-V (SYNOP)

SMUS23 KWBC

0000 PE6H

Surface reports, derived from airway reports, of the following selected U.S. stations:

74730	Sanderson, TX
74740	Junction/Kimble Co. A., TX

Code: FM 11-V (SYNOP)

SMUS3 KWBC

0000 PE6H

Surface reports from the following selected U.S. stations:

72226	Montgomery/Dannelly, AL	72576	Lander/Hunt, WY
72265	Midland/Midland Reg., TX	72578	Pocatello/Mun., ID
72280	Yuma/Yuma Int., AZ	72597	Medford, OR
72374	Winslow/Mun., AZ	72645	Green Bay/A. Straubel, WS
72394	Santa Maria/Public, CA	72677	Billings/Logan, MT
72440	Springfield/Mun., MO	72712	Caribou/Mun., ME
72445	Columbia/Regional, MO	72743	Marquette, MI
72458	Concordia/Blosser Mun., KS	72747	International Falls, MN
72486	Ely/Yelland, NV	72764	Bismarck/Mun., ND
72520	Pittsburgh/Int., PA	72768	Glasgow/Int., MT
72532	Peoria/Greater Peoria, IL	72773	Missoula, MT
72547	Dubuque/Mun., IO	74494	Chatham, MA

Code: FM 11-V (SYNOP)

SMUS4 KWBC

0000 PE6H

Surface reports from the following selected U.S. stations:

72201	Key West/Int., FL	72509	Boston/Logan Int., MA
72218	Augusta/Bush Field, GA	72564	Cheyenne, WY
72253	San Antonio/Int., TX	72569	Casper/Natrona, Int., WY
72261	Del Rio/Int., TX	72591	Red Bluff/Mun., CA
72266	Abilene/Mun., TX	72594	Eureka, CA
72268	Roswell, NM	72617	Burlington/Int., VT
72312	Greenville, SC	72683	Burns, OR
72414	Charleston/Kanawha, WV	72741	Park Falls, WS
72422	Lexington/Blue Grass, KY	72767	Williston/Int., ND
72432	Evansville/Reg., IN	72793	Seattle/S. Tacoma, WA
72434	St. Louis/Lambert, MO	72797	Quillayute, WA
72450	Wichita/Mid-Continent, KS	74486	New York/JFK Int., NY

Code: FM 11-V (SYNOP)

SMUS40 KWBC

0000 PE6H

Surface reports for the following selected U.S. stations:

72271	Truth or Consequences, NM
72320	Rome, GA
72452	Medicine Lodge, KS
72549	Fort Dodge, IA
72653	Chamberlain, SD
72671	Big Piney, WY
72750	Pequot Lake, MN
72756	Warroad, MN
74460	Marseilles, IL

Code: FM 11-V (SYNOP)

SMUS5 KWBC

0000 PE6H

Surface reports from the following selected U.S. stations:

72205	Orlando/Jetport, FL	72438	Indianapolis, IN
72223	Mobile/Bates, AL	72446	Kanas City, Int., MO
72228	Birmingham/Mun., AL	72465	Goodland/Mun., KS
72234	Meridian/Key, MS	72515	Binghamton/Broome Co., NY
72256	Waco, Madison-Cooper, TX	72533	Fort Wayne, IN
72268	Roswell, NM	72546	Des Moines/Mun., IO
72295	Los Angeles/Int., CA	72635	Grand Rapids/Kent Co., MI
72306	Raleigh/Raleigh-Durham, NC	72658	Minneapolis/St. Paul, MN
72389	Fresno/Air Term., CA	72688	Pendleton, OR
72408	Philadelphia/Int., PA	72698	Portland/Int., OR
72411	Roanoke/Mun., VA	72745	Duluth/Int., MN
72428	Columbus/Port Columbus, OH	72777	Havre City County, MT

Code: FM 11-V (SYNOP)

SMVD1 KSFO

0000 PE6H

Ship surface reports from the Pacific Ocean North of the Equator and east of 180. Bulletin is limited in size to expedite handling and is continued in SMVD2 KSFO through SMVD6 KSFO.

Code: FM 21-V (FM22-V, FM 23-V)

SMVD1 KWBC

0000 PE6H

Ship surface reports from the North Atlantic Ocean west of 35W. Bulletin is limited in size to expedite handling and is continued in SMVD2 KWBC through SMVD6 KWBC.

Code: FM 21-V (FM 22-V, FM 23-V)

SMVD15 KWBC

0000 PE6H

Automatic environmental data buoy reports from the following U.S. data buoys that are East of 100W:

Ident.	Location	
41001	35.0N	72.0W
41002	32.3N	75.3W
41003	30.3N	80.4W
41004	32.6N	78.7W
41005	31.7N	79.7W
42001	26.0N	90.0W
42002	26.0N	93.5W
42003	26.0N	86.0W
42004	27.5N	85.5W
42005	30.0N	85.9W

44001	38.7N	73.6W
44002	40.1N	73.0W
44003	40.8N	68.5W
44004	39.0N	70.0W
44005	42.7N	68.3W
45001	48.0N	87.6W
45002	45.3N	86.3W
45003	45.3N	82.8W

Code: FM 13-VII (SHIP)

SMVD16 KWBC

As Needed

Automatic environmental data buoy reports from U.S. data buoys East of 100W which were received too late to be included in SMVD15 KWBC.

Code: FM 13-VII (SHIP)

SMVD17 KWBC

0000 PE6H

Automatic environmental data buoy reports from the following U.S. data buoys that are West of 100W:

Ident.	Location	
46001	56.0N	148.0W
46002	42.5N	130.0W
46003	52.0N	156.0W
46004	51.0N	136.0W
46005	46.0N	131.0W
46006	41.0N	138.0W
46007	59.2N	152.7W
46008	57.1N	151.7W
46009	60.2N	146.7W

Code: FM 13-VII (SHIP)

SMVD18 KWBC

As Needed

Automatic environmental data buoy reports from U.S. data buoys West of 100W which were received too late to be included in SMVD17 KWBC.

Code: FM 13-VII (SHIP)

SMVD2 KSFO

0000 PE6H

Ship surface reports from the Pacific Ocean continuation of SMVD1 KSFO.

Code: FM 13-VII (SHIP)

SMVD2 KWBC

0000 PE6H

Ship surface reports from the North Atlantic Ocean; a continuation of SMVD1 KWBC.

Code: FM 13-VII (SHIP)

SMVD3 KSFO

0000 PE6H

Ship surface reports from the Pacific Ocean; a continuation of SMVD2 KSFO.

Code: FM 13-VII (SHIP)

SMVD3 KWBC

0000 PE6H

Ship surface reports from the North Atlantic Ocean; a continuation of SMVD2 KWBC.

Code: FM 13-VII (SHIP)

SMVD4 KSFO

0000 PE6H

Ship surface reports from the Pacific Ocean; a continuation of SMVD3 KSFO.

Code: FM 13-VII (SHIP)

SMVD4 KWBC

0000 PE6H

Ship surface reports from the North Atlantic Ocean; a continuation of SMVD3 KWBC.

Code: FM 13-VII (SHIP)

SMVD5 KSFO

0000 PE6H

Ship surface reports from the Pacific Ocean; a continuation of SMVD4 KSFO.

Code: FM 13-VII (SHIP)

SMVD5 KWBC

0000 PE6H

Ship surface reports from the North Atlantic Ocean; a continuation of SMVD4 KWBC.

Code: FM 13-VII (SHIP)

SMVD6 KSFO

0000 PE6H

Ship surface reports from the Pacific Ocean; a continuation of SMVD5 KSFO.

Code: FM 13-VII (SHIP)

SMVD6 KWBC

0000 PE6H

Ship surface reports from the North Atlantic Ocean; a continuation of SMVD5 KWBC.

Code: FM 13-VII (SHIP)

SMVD7 KSFO

0000 PE6H

Collective of ship surface reports from the Pacific Ocean north of 40N, prepared specially for Alaska.

Code: FM 13-VII (SHIP)

SMVX KWBC

Variable

Miscellaneous 3-hourly and 6-hourly ship reports that are over 24 hours old for Carswell only.

Code: FM 13-VII (SHIP)

SMVX1 KWBC

0000 PE6H

Ship reports, directed to South America, which are obtained from the area of the Pacific Ocean between 30N, 5S, 122W and the coast of South America.

Code: FM 13-VII (SHIP)

SMWD1 KWBC

0000 PE6H

Reports from the following Coast Guard light stations:

Portland	43.32N	70.06W
Five Fathom	38.47N	74.35W
Nantucket	40.30N	69.28W
Ambrose	40.28N	73.50W
Chesapeake	36.54N	75.43W
Diamond Shoals	35.09N	75.18W
Frying Pan Shoals	33.29N	77.35W

Code: FM 13-VII (SHIP)

SNVD15 KWBC

Variable

Automatic environmental data buoy reports, available at non-synoptic hours on an as-needed basis, from the following U.S. data buoys that are East of 100W:

Ident. Location

41001	35.0N	72.0W
41002	32.3N	75.3W
41003	30.3N	80.4W
41004	32.6N	78.7W
41005	31.7N	79.7W
42001	26.0N	90.0W
42002	26.0N	93.5W
42003	26.0N	86.0W
42004	27.5N	85.5W
42005	30.0N	85.9W
44001	38.7N	73.6W
44002	40.1N	73.0W
44003	40.8N	68.5W
44004	39.0N	70.0W
44005	42.7N	68.3W
45001	48.0N	87.6W
45002	45.3N	86.3W
45003	45.3N	82.8W

Code: FM 13-VII (SHIP)

SNVD17 KWBC

Variable

Automatic environmental data buoy reports, available at non-synoptic hours on an as-needed basis, from the following U.S. data buoys that are West of 100W:

Ident. Location

46001	56.0N	148.0W
46002	42.5N	130.0W
46003	52.0N	156.0W
46004	51.0N	136.0W
46005	46.0N	131.0W
46006	41.0N	138.0W
46007	59.2N	152.7W
46008	57.1N	151.7W
46009	60.2N	146.7W

Code: FM 13-VII (SHIP)

SOVD1 KNMA

0000 PE6H

Report of BATHY (bathothermal) observations from the Coast Guard station in Miami, FL.

Code: FM 63-V (BATHY)

SOVD1 KNMF

0000 PE6H

Report of BATHY (bathothermal) observations from the Coast Guard station in Marshfield (Boston), MA.

Code: FM 63-V (BATHY)

SOVD1 KWBC

0000 PE6H

Report of BATHY (bathothermal) observations in WMO Region IV.

Code: FM 63-V (BATHY)

SOVD1 PANC

0000 PE6H

Report of BATHY (bathothermal) observations from Alaska.

Code: FM 63-V (BATHY)

SOVD2 KWBC

0000 PE6H

Report of BATHY (bathothermal) observations in WMO Region IV; a continuation of SOVD1 KWBC.

Code: FM 63-V (BATHY)

SOVD3 KWBC

0000 PE6H

Report of BATHY (bathothermal) observations in WMO Region IV; a continuation of SOVD2 KWBC.

Code: FM 63-V (BATHY)

SOVD4 KWBC

0000 PE6H

Report of BATHY (bathothermal) observations in WMO Region IV; a continuation of SOVD3 KWBC.

Code: FM 63-V (BATHY)

SOVD5 KWBC

0000 PE6H

Report of BATHY (bathothermal) observations in WMO Region IV; a continuation of SOVD4 KWBC.

Code: FM 63-V (BATHY)

SOVD6 KWBC

0000 PE6H

Report of TESAC (Temperature, salinity, and current) observations from sea stations in WMO Region IV.

Code: FM 63-V (BATHY)

SOVD7 KWBC**0000 PE6H**

Report of TESAC (Temperature, salinity, and current) observations from sea stations in WMO Region IV; a continuation of SOVD6 KWBC.

Code: FM 64-V (TESAC)

SOVD8 KWBC**0000 PE6H**

Report of TESAC (Temperature, salinity, and current) observations from sea stations in WMO Region IV; a continuation of SOVD7 KWBC.

Code: FM 64-V (TESAC)

SOVD9 KWBC**0000 PE6H**

Report of TESAC (Temperature, salinity, and current) observations from sea stations in WMO Region IV; a continuation of SOVD8 KWBC.

Code: FM 64-V (TESAC)

SRAG40 KWBC**0040 PE1H**

Collection of data from satellite-interrogated hydrologic platforms in Argentina.

Code: Special

SRBO40 KWBC

Collection of data from satellite-interrogated hydrologic platforms in Bolivia.

Code: Special

SRCH40 KWBC**0450 PE6H**

Hydrologic platform reports from Chile, in support of the tsunami warning program.

Code: Special

SREQ40 KWBC**0450 PE6H**

Hydrologic platform reports from Ecuador, in support of the tsunami warning program.

Code: Special

SRNA40 KWBC

3 Hourly

Automatic hydrologic platforms reporting river stages for the St. John's River in New Brunswick, Canada.

Code: Special

SRPR40 KWBC

0450 PE6H

Hydrologic platform reports from Peru, in support of the tsunami warning program.

Code: Special

SRUS2 KWBC

1400-1500 Daily*

River-rainfall report giving river stage, max/min temperature and precipitation for rivers in the state of Missouri (*more frequently on an as-needed basis).

Code: Plain Language

SRUS40 KWBC

As Needed

Tsunami Watch and/or Warning Message.

Code: Plain Language

SRUS6 KWBC

Hourly

Automatic hydrologic platforms reporting river stages in the Mount St. Helens, Washington area.

Code: Special

SRUS60 KWBC

As Necessary

Emergency transmissions of automatic hydrologic platforms reporting river stages in the Mount St. Helens, Washington area.

Code: Special

SRUS7 KWBC

3 Hourly

Automatic hydrologic platforms reporting river stages in the Great Falls, Montana area.

Code: Special

SRUS8 KWBC

0000 PE3H

Key gauge in the group of automatic hydrologic platforms which report river stages in the Mount St. Helens, Washington area.

Code: Special

SSVD50 KWBC

0000 PE6H

Edited reports from drifting buoys in the Arctic.

Code: DRIBU

STAK20 KWBC

0000

Snow depth bulletin based on the coded elements of snow depth tables in the Synoptic Code. Snow depth is in centimeters up to 99. Where snow depth is over 100 cm, the figure 100 is shown separately. Contains all Alaskan stations that are reporting snow for that day.

Code: Special

STCN20 KWBC

0000

Snow depth bulletin based on the coded elements of snow depth tables in the Synoptic Code. Snow depth is in centimeters up to 99. When snow depth is over 100 cm, the figure 100 is shown separately. Contains all Canadian stations that are reporting snow for that day.

Code: Special

STNA20 KWBC

0000

Snow depth bulletin based on the coded elements of snow depth tables in the Synoptic Code. Snow depth is in centimeters up to 99. When snow depth is over 100 cm, the figure 100 is shown separately. Covers all North American stations that are reporting snow for that day.

Code: Special

STNA40 KWBC

As Available

Columbia River Basin snow cover as determined from satellite imagery.

Code: Plain Language

STNA40 KWBC

As Available

Columbia River Basin snow cover as determined from satellite imagery.

Code: Plain Language

STUS20 KWBC

0000

Snow depth bulletin based on the coded elements of snow depth tables in the Synoptic Code. Snow depth is in centimeters up to 99. When snow depth is over 100 cm, the figure 100 is shown separately. Contains all U.S. stations that are reporting snow for that day.

Code: Special

STXX40 KWBC

Twice Per Week

Ice reports from the Fleet Numeric Weather Center in Suitland.

Code: Plain Language

STXX41 KWBC

Twice Per Week

Ice reports from the Fleet Numeric Weather Center in Suitland.

Code: Plain Language

SXAK40 KWBC

Observations from satellite-interrogated automatic rain gauge platforms in Alaska.

SXAK41 KWBC

Observations from satellite-interrogated automatic hydrologic platforms in Alaska.

SXAK42 KWBC

Observations from satellite-interrogated automatic hydrologic platforms in Alaska.

SXCN40 KWBC

Hourly

Observations from satellite-interrogated hydrologic platforms in British Columbia, Canada.

Code: Satellite format

SXCN42 KWBC

Hourly

Observations from satellite-interrogated automatic meteorological platforms in Canada. After code conversion these observations appear in various SACN1 bulletins.

Code: Satellite format

SXCN45 KWBC

3-Hourly

Observations from satellite-interrogated platforms that are owned and operated by PETREL CAN, in Canada.

Code: Satellite format

SXGX40 KWBC

Satellite-interrogated hydrologic platform observations from the western Gulf of Mexico.

SXGX41 KWBC

ANBESS buoy data from the Gulf of Mexico.

SXHW10 KWBC

Hourly

French Frigate Shoals, Hawaii RAMOS observations relayed via satellite.

Code: RAMOS

SXNA40 KWBC

Observations from satellite-interrogated automatic rain gauge platforms in the northeastern U.S.

SXNT1 KWBC

Variable

Gulf Stream Location bulletin giving the line described by a sequence of points representing the west wall of the Gulf Stream and the location of major cold and warm eddies. Derived from satellite data. May also contain ship reports from ships in the Atlantic Ocean.

Code: Plain Language

SXUS3 KWBC

Hourly

Satellite-interrogated U.S. RAMOS (Remote Automatic Meteorological Observing Station) observations

that have been converted into AMOS code.

Code: AMOS

SXUS37 KWBC

Observations from satellite-interrogated automatic river gauge platforms in California.

SXUS39 KWBC

Hourly

Observations from satellite-interrogated automatic platforms in Texas. Stations report temperature, pressure, wind (U and V components), precipitation, and humidity.

SXUS40 KWBC

Observations from satellite-interrogated automatic rain gauge platforms in Colorado.

SXUS41 KWBC

Observations from satellite-interrogated automatic rain gauge platforms in the northwestern U.S.

SXUS42 KWBC

Observations from satellite-interrogated automatic rain gauge platforms in Kentucky.

SXUS45 KWBC

Observations from satellite-interrogated automatic rain gauge platforms in the southwestern U.S.

SXUS58 KWBC

Variable

Agricultural and hydrological surface data observed by volunteer and/or cooperative reporters. Parameters collected include: max/min air/soil temperatures, precipitation type and amount, wind direction and speed, river stages and tendencies, relative humidity and current weather conditions. (Solar radiation and dew/frost information will be added in the near future.)

Code: Special

SXUS80 KWBC

0000 PE6H

Altimeter pressure values picked out from the routine aviation reports for the following U.S. and Canadian stations:

SSM	CMX	DLH	YQT	MKG	MDW	GRB	APN	YVV
BUF	TOL	YXU	SYR	YTR	YUL	YXR	YYW	YWG

YXE	MSP	HON	DIK	GTF	CYS	GRI	DSM	STL
ABQ	ABI	OKC	MEI	BNA	CVG	DCA		

Code: Special

SXVD40 KWBC

Daily

Special sea surface temperature collective containing the ship's name, position and sea surface temperature. Prepared specially for the SFO WSFO.

Code: Plain Language

SXVD41 KWBC

Daily

Special sea surface temperature collective; a continuation of SXVD40 KWBC.

Code: Plain Language

SXVD42 KWBC

Daily

Special sea surface temperature collective containing the ship's name, position and sea surface temperature. Prepared specially for SEA WSFO.

Code: Plain Language

SXVD43 KWBC

Daily

Special sea surface temperature collective; a continuation of SXVD42 KWBC.

Code: Plain Language

SXVD44 KWBC

Daily

Special sea surface temperature collective containing the ship's name, position and sea surface temperature. Prepared specially for ANC WSFO.

Code: Plain Language

SXVD45 KWBC

Daily

Special sea surface temperature collective; a continuation of SXVD44 KWBC.

Code: Plain Language

SXVD50 KWBC

Daily

Special wave data from one of a possible seven buoys moored in the Atlantic Ocean between Boston and Cape Hatteras.

Code: Plain Language

SXVX20 KWBC

0300 PE3H

Spectral wave data for the Atlantic and Pacific Oceans and the Gulf of Mexico, continued in SXVX21 KWBC.

Code: Special

SXVX21 KWBC

0300 PE3H

Spectral wave data for the Atlantic and Pacific Oceans and the Gulf of Mexico, a continuation of SXVX20 KWBC.

Code: Special

SXVX22 KWBC

0300 PE3H

Spectral wave data for the Atlantic and Pacific Oceans and the Gulf of Mexico, a continuation of SXVX21 KWBC.

Code: Special

SXVX23 KWBC

0300 PE3H

Spectral wave data for the Atlantic and Pacific Oceans and the Gulf of Mexico, a continuation of SXVX22 KWBC.

Code: Special

TBUS1 KWBC

Variable after 1900

24- to 48-hour prediction of global equator crossings of polar orbiting satellites in the ascending mode (South to North picture taking orbit).

Code: Plain Language

TBUS2 KWBC

Variable after 1900

24- to 48-hour prediction of global equator crossings of polar orbiting satellites in the descending mode (North to South picture taking orbit).

Code: Plain Language

TBUS5 KWBC

Variable 1200 and 0000

GOES-2 and SMS-1 Geodetic Subpoint Predictions.

Code: Plain Language

TBUS6 KWBC

Variable between 1200 and 0000

GOES-3 Geodetic Subpoint Predictions.

Code: Plain Language

TBUS7 KWBC

Variable between 1200 and 0000

NOAA-4 and NOAA-5 spacecraft tracking information (orbital data and transmission frequencies); and GOES-2 and SMS-2 Geodetic Subpoint Predictions.

Code: Plain Language

TBXX10 KWBC

Variable between 1200 and 0000

Cloud top message derived from GOES-2 data; issued by the Washington, D. C. forecast office.

Code: Plain Language

TBXX11 KWBC

Variable between 1200 and 0000

Special satellite snow cover analysis for New England based on GOES-1 data.

Code: Plain Language

TBXX6 KWBC

Variable between 1200 and 0000

Satellite narrative covering the synoptic surface situation for the eastern U.S., including coastal waters, and highseas. Issued by the Washington, D.C. forecast office.

Code: Plain Language

TBXX7 KMKC

Variable between 1200 and 0000

Polar-orbiting spacecraft transmitter on and off times.

Code: Plain Language

TBXX8 KWBC

Variable between 1200 and 0000

Daily operations schedule of SMS spacecraft.

Code: Plain Language

TBXX9 KWBC

1200-0000 T or W

Weekly operational schedule of SMS spacecraft.

Code: Plain Language

TCUS40 KWBC

1800 Daily

Satellite weather summary derived from satellite cloud data. It is divided into 3 parts: entire continental US view, Eastern U.S. view, and Western U.S. view and is prepared mainly for television station users.

Code: Plain Language

TRXN1 KWBC

Variable

Observation of clear radiance from satellite for 0-15N and 0-90W.

Code: FM 87-VI (SARAD)

TRXN10 KWBC

Variable

Observation of clear radiance from satellite for 30-45N and 90W-180.

Code: FM 87-VI (SARAD)

TRXN11 KWBC

Variable

Observation of clear radiance from satellite for 30-45N and 90E-180.

Code: FM 87-VI (SARAD)

TRXN12 KWBC

Variable

Observation of clear radiance from satellite for 30-45N and 0-90E.

Code: FM 87-VI (SARAD)

TRXN13 KWBC

Variable

Observation of clear radiance from satellite for 45-60N and 0-90W.

Code: FM 87-VI (SARAD)

TRXN14 KWBC

Variable

Observation of clear radiance from satellite for 45-60N and 90W-180.

Code: FM 87-VI (SARAD)

TRXN15 KWBC

Variable

Observation of clear radiance from satellite for 45-60N and 90E-180.

Code: FM 87-VI (SARAD)

TRXN16 KWBC

Variable

Observation of clear radiance from satellite for 45-60N and 0-90E.

Code: FM 87-VI (SARAD)

TRXN17 KWBC

Variable

Observation of clear radiance from satellite for 60-75N and 0-90W.

Code: FM 87-VI (SARAD)

TRXN18 KWBC

Variable

Observation of clear radiance from satellite for 60-75N and 90W-180.

Code: FM 87-VI (SARAD)

TRXN19 KWBC

Variable

Observation of clear radiance from satellite for 60-75N and 90E-180.

Code: FM 87-VI (SARAD)

TRXN2 KWBC

Variable

Observation of clear radiance from satellite for 0-15N and 90W-180.

Code: FM 87-VI (SARAD)

TRXN20 KWBC

Variable

Observation of clear radiance from satellite for 60-75N and 0-90E.

Code: FM 87-VI (SARAD)

TRXN21 KWBC

Variable

Observation of clear radiance from satellite for 75-90N and 0-90W.

Code: FM 87-VI (SARAD)

TRXN22 KWBC

Variable

Observation of clear radiance from satellite for 75-90N and 90W-180.

Code: FM 87-VI (SARAD)

TRXN23 KWBC

Variable

Observation of clear radiance from satellite for 75-90N and 90E-180.

Code: FM 87-VI (SARAD)

TRXN24 KWBC

Variable

Observation of clear radiance from satellite for 75-90N and 0-90E.

Code: FM 87-VI (SARAD)

TRXN3 KWBC

Variable

Observation of clear radiance from satellite for 0-15N and 90E-180.

Code: FM 87-VI (SARAD)

TRXN4 KWBC

Variable

Observation of clear radiance from satellite for 0-15N and 0-90E.

Code: FM 87-VI (SARAD)

TRXN5 KWBC

Variable

Observation of clear radiance from satellite for 15-30N and 0-90W.

Code: FM 87-VI (SARAD)

TRXN6 KWBC

Variable

Observation of clear radiance from satellite for 15-30N and 90W-180.

Code: FM 87-VI (SARAD)

TRXN7 KWBC

Variable

Observation of clear radiance from satellite for 15-30N and 90E-180.

Code: FM 87-VI (SARAD)

TRXN8 KWBC

Variable

Observation of clear radiance from satellite for 15-30N and 0-90E.

Code: FM 87-VI (SARAD)

TRXN9 KWBC

Variable

Observation of clear radiance from satellite for 30-45N and 0-90W.

Code: FM 87-VI (SARAD)

TRXS1 KWBC

Variable

Observation of clear radiance from satellite for 0-15S and 0-90W.

Code: FM 87-VI (SARAD)

TRXS10 KWBC

Variable

Observation of clear radiance from satellite for 30-45S and 90W-180.

Code: FM 87-VI (SARAD)

TRXS11 KWBC

Variable

Observation of clear radiance from satellite for 30-45S and 90E-180.

Code: FM 87-VI (SARAD)

TRXS12 KWBC

Variable

Observation of clear radiance from satellite for 30-45S and 0-90E.

Code: FM 87-VI (SARAD)

TRXS13 KWBC

Variable

Observation of clear radiance from satellite for 45-60S and 0-90W.

Code: FM 87-VI (SARAD)

TRXS14 KWBC

Variable

Observation of clear radiance from satellite for 45-60S and 90W-180.

Code: FM 87-VI (SARAD)

TRXS15 KWBC

Variable

Observation of clear radiance from satellite for 45-60S and 90E-180.

Code: FM 87-VI (SARAD)

TRXS16 KWBC

Variable

Observation of clear radiance from satellite for 45-60S and 0-90E.

Code: FM 87-VI (SARAD)

TRXS17 KWBC

Variable

Observation of clear radiance from satellite for 60-75S and 0-90W.

Code: FM 87-VI (SARAD)

TRXS18 KWBC

Variable

Observation of clear radiance from satellite for 60-75S and 90W-180.

Code: FM 87-VI (SARAD)

TRXS19 KWBC

Variable

Observation of clear radiance from satellite for 60-75S and 90E-180.

Code: FM 87-VI (SARAD)

TRXS2 KWBC

Variable

Observation of clear radiance from satellite for 0-15S and 90W-180

Code: FM 87-VI (SARAD)

TRXS20 KWBC

Variable

Observation of clear radiance from satellite for 60-75S and 0-90E.

Code: FM 87-VI (SARAD)

TRXS21 KWBC

Variable

Observation of clear radiance from satellite for 75-90S and 0-90W.

Code: FM 87-VI (SARAD)

TRXS22 KWBC

Variable

Observation of clear radiance from satellite for 75-90S and 90W-180.

Code: FM 87-VI (SARAD)

TRXS23 KWBC

Variable

Observation of clear radiance from satellite for 75-90S and 90E-180.

Code: FM 87-VI (SARAD)

TRXS24 KWBC

Variable

Observation of clear radiance from satellite for 75-90S and 0-90E.

Code: FM 87-VI (SARAD)

TRXS3 KWBC

Variable

Observation of clear radiance from satellite for 0-15S and 90E-180.

Code: FM 87-VI (SARAD)

TRXS4 KWBC

Variable

Observation of clear radiance from satellite for 0-15S and 0-90E.

Code: FM 87-VI (SARAD)

TRXS5 KWBC

Variable

Observation of clear radiance from satellite for 15-30S and 0-90W.

Code: FM 87-VI (SARAD)

TRXS6 KWBC

Variable

Observation of clear radiance from satellite for 15-30S and 90W-180.

Code: FM 87-VI (SARAD)

TRXS7 KWBC

Variable

Observation of clear radiance from satellite for 15-30S and 90E-180.

Code: FM 87-VI (SARAD)

TRXS8 KWBC

Variable

Observation of clear radiance from satellite for 15-30S and 0-90E.

Code: FM 87-VI (SARAD)

TRXS9 KWBC

Variable

Observation of clear radiance from satellite for 30-45S and 0-90W.

Code: FM 87-VI (SARAD)

TSXN10 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 0-90W.

Code: FM 88-VI (SATO)

TSXN11 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 90W-180.

Code: FM 88-VI (SATO)

TSXN12 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 90E-180.

Code: FM 88-VI (SATO)

TSXN13 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 0-90E.

Code: FM 88-VI (SATO)

TSXN20 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 0-90W.

Code: FM 88-VI (SATO)

TSXN21 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 90W-180.

Code: FM 88-VI (SATO)

TSXN22 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 90E-180.

Code: FM 88-VI (SATO)

TSXN23 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 0-90E.

Code: FM 88-VI (SATO)

TSXN30 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 0-90W.

Code: FM 88-VI (SATO)

TSXN31 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 90W-180.

Code: FM 88-VI (SATO)

TSXN32 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 90E-180.

Code: FM 88-VI (SATO)

TSXN33 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 0-90E.

Code: FM 88-VI (SATO)

TSXN40 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 0-90W.

Code: FM 88-VI (SATO)

TSXN41 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 90W-180.

Code: FM 88-VI (SATOB)

TSXN42 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 90E-180.

Code: FM 88-VI (SATOB)

TSXN43 KWBC

Variable

Satellite observations of surface temperatures, winds, clouds and radiation for the area 0-90N and 0-90E.

Code: FM 88-VI (SATOB)

TSXN50 KWBC

0000,0600,1200 Daily

Satellite cloud vector winds prepared by Miami SFSS.

Code: FM 88-VI (SATOB)

TSXS15 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 0-90W.

Code: FM 88-VI (SATOB)

TSXS16 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 90W-180.

Code: FM 88-VI (SATOB)

TSXS17 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 90E-180.

Code: FM 88-VI (SATOB)

TSXS18 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 0-90E.

Code: FM 88-VI (SATO)

TSXS25 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 0-90W.

Code: FM 88-VI (SATO)

TSXS26 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 90W-180.

Code: FM 88-VI (SATO)

TSXS27 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 90E-180.

Code: FM 88-VI (SATO)

TSXS28 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 0-90E.

Code: FM 88-VI (SATO)

TSXS35 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 0-90W.

Code: FM 88-VI (SATO)

TSXS36 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 90W-180.

Code: FM 88-VI (SATO)

TSXS37 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 90E-180.

Code: FM 88-VI (SATO B)

TSXS38 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 0-90E.

Code: FM 88-VI (SATO B)

TSXS45 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 0-90W.

Code: FM 88-VI (SATO B)

TSXS46 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 90W-180.

Code: FM 88-VI (SATO B)

TSXS47 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 90E-180.

Code: FM 88-VI (SATO B)

TSXS48 KWBC

Variable

Satellite observation of surface temperatures, winds, clouds and radiation for the area 0-90S and 0-90E.

Code: FM 88-VI (SATO B)

TUXN1 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 0-15N and 0-90W.

Code: FM 86-VI (SATEM)

TUXN10 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 30-45N and 90W-180.

Code: FM 86-VI (SATEM)

TUXN11 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 30-45N and 90E-180.

Code: FM 86-VI (SATEM)

TUXN12 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 30-45N and 0-90E.

Code: FM 86-VI (SATEM)

TUXN13 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 45-60N and 0-90W.

Code: FM 86-VI (SATEM)

TUXN14 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 45-60N and 90W-180.

Code: FM 86-VI (SATEM)

TUXN15 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 45-60N and 90E-180.

Code: FM 86-VI (SATEM)

TUXN16 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 45-60N and 0-90E.

Code: FM 86-VI (SATEM)

TUXN17 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 60-75N and 0-90W.

Code: FM 86-VI (SATEM)

TUXN18 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 60-75N and 90W-180.

Code: FM 86-VI (SATEM)

TUXN19 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 60-75N and 90E-180.

Code: FM 86-VI (SATEM)

TUXN2 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 0-15N and 90W-180.

Code: FM 86-VI (SATEM)

TUXN20 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 60-75N and 0-90E.

Code: FM 86-VI (SATEM)

TUXN21 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 75-90N and 0-90W.

Code: FM 86-VI (SATEM)

TUXN22 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 75-90N and 90W-180.

Code: FM 86-VI (SATEM)

TUXN23 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 75-90N and 90E-180.

Code: FM 86-VI (SATEM)

TUXN24 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 75-90N and 0-90E.

Code: FM 86-VI (SATEM)

TUXN3 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 0-15N and 90E-180.

Code: FM 86-VI (SATEM)

TUXN4 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 0-15N and 0-90E.

Code: FM 86-VI (SATEM)

TUXN5 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 15-30N and 0-90W.

Code: FM 86-VI (SATEM)

TUXN6 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 15-30N and 90W-180.

Code: FM 86-VI (SATEM)

TUXN7 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 15-30N and 00E-180.

Code: FM 86-VI (SATEM)

TUXN8 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 15-30N and 0-90E.

Code: FM 86-VI (SATEM)

TUXN9 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 30-45N and 0-90W.

Code: FM 86-VI (SATEM)

TUXS1 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 0-15S and 0-90W.

Code: FM 86-VI (SATEM)

TUXS10 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 30-45S and 90W-180.

Code: FM 86-VI (SATEM)

TUXS11 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 30-45S and 90E-180.

Code: FM 86-VI (SATEM)

TUXS12 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 30-45S and 0-90E.

Code: FM 86-VI (SATEM)

TUXS13 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 45-60S and 0-90W.

Code: FM 86-VI (SATEM)

TUXS14 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 45-60S and 90W-180.

Code: FM 86-VI (SATEM)

TUXS15 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 45-60S and 90E-180.

Code: FM 86-VI (SATEM)

TUXS16 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 45-60S and 0-90E.

Code: FM 86-VI (SATEM)

TUXS17 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 60-75S and 0-90W.

Code: FM 86-VI (SATEM)

TUXS18 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 60-75S and 90W-180.

Code: FM 86-VI (SATEM)

TUXS19 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 60-75S and 90E-180.

Code: FM 86-VI (SATEM)

TUXS2 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 0-15S and 90W-180.

Code: FM 86-VI (SATEM)

TUXS20 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. and humidity. Area of coverage 60-75S and 0-90E.

Code: FM 86-VI (SATEM)

TUXS21 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 75-90S and 0-90W.

Code: FM 86-VI (SATEM)

TUXS22 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 75-90S and 90W-180.

Code: FM 86-VI (SATEM)

TUXS23 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 75-90S and 90E-180.

Code: FM 86-VI (SATEM)

TUXS24 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 75-90S and 0-90E.

Code: FM 86-VI (SATEM)

TUXS3 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 0-15S and 90E-180.

Code: FM 86-VI (SATEM)

TUXS4 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 0-15S and 0-90E.

Code: FM 86-VI (SATEM)

TUXS5 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 15-30S and 0-90W.

Code: FM 86-VI (SATEM)

TUXS6 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 15-30S and 90W-180.

Code: FM 86-VI (SATEM)

TUXS7 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 15-30S and 90E-180.

Code: FM 86-VI (SATEM)

TUXS8 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 15-30S and 0-90E.

Code: FM 86-VI (SATEM)

TUXS9 KWBC

Variable

Satellite remote upper-air soundings of pressure, temperature and humidity. Area of coverage 30-45S and 0-90W.

Code: FM 86-VI (SATEM)

TWPA20 KWBC

2300 Daily

NESS Gulf of Alaska low-level cloud motion vectors.

Code: Special

TWPA40 KWBC

1930 Daily

Pacific Coast Offshore low-level cloud motion vectors. Covers the area from Puget Sound to the Mexican border from the coast 6 degrees westward.

Code: Special

TWXN10 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 0, in the Northern Hemisphere. (Is continued in TWXN20 KWBC).

Code: FM 88-VI (SATO)

TWXN11 KWBC

0100,1300,1900

Collection of wind data derived from cloud motion observed by Area covered is global Octant 1, in the Northern Hemisphere. (Is continued in TWXN21 KWBC).

Code: FM 88-VI (SATO)

TWXN12 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 2, in the Northern Hemisphere. (Is continued in TWXN22 KWBC).

Code: FM 88-VI (SATO)

TWXN13 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 3, in the

Northern Hemisphere. (Is continued in TWXN23 KWBC).

Code: FM 88-VI (SATOB)

TWXN20 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 0, in the Northern Hemisphere. (A continuation of TWXN10 KWBC).

Code: FM 88-VI (SATOB)

TWXN21 KWBC

0100,1300,1900

Collective of wind data derived from cloud motion observed by Area covered is global Octant 1, in the Northern Hemisphere. (A continuation of TWXN11 KWBC).

Code: FM 88-VI (SATOB)

TWXN22 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 2, in the Northern Hemisphere. (A continuation of TWXN12 KWBC).

Code: FM 88-VI (SATOB)

TWXN23 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 3, in the Northern Hemisphere. (A continuation of TWXN13 KWBC).

Code: FM 88-VI (SATOB)

TWXN30 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 0, in the Northern Hemisphere. (A continuation of TWXN20 KWBC).

Code: FM 88-VI (SATOB)

TWXN31 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 1, in the Northern Hemisphere. (A continuation of TWXN21 KWBC).

Code: FM 88-VI (SATOB)

TWXN32 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 2, in the Northern Hemisphere. (A continuation of TWXN22 KWBC).

Code: FM 88-VI (SATO)

TWXN33 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 3, in the Northern Hemisphere. (A continuation of TWXN23 KWBC).

Code: FM 88-VI (SATO)

TWXN40 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by satellite, Area covered is global Octant 0, in the Northern Hemisphere. (A continuation of TWXN30 KWBC).

Code: FM 88-VI (SATO)

TWXN41 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 1, in the Northern Hemisphere. (A continuation of TWXN 31 KWBC).

Code: FM 88-VI (SATO)

TWXN42 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 2, in the Northern Hemisphere. (A continuation of TWXN32 KWBC).

Code: FM 88-VI (SATO)

TWXN43 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 3, in the Northern Hemisphere. (A continuation of TWXN33 KWBC).

Code: FM 88-VI (SATO)

TWXN50 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 0, in the Northern Hemisphere. (A continuation of TWXN40 KWBC).

Code: FM 88-VI (SATO)

TWXN51 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 1, in the Northern Hemisphere. (A continuation of TWXN41 KWBC).

Code: FM 88-VI (SATO)

TWXN52 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 2, in the Northern Hemisphere. (A continuation of TWXN42 KWBC).

Code: FM 88-VI (SATO)

TWXN53 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 3, in the Northern Hemisphere. (A continuation of TWXN43 KWBC).

Code: FM 88-VI (SATO)

TWXN60 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 0, in the Northern Hemisphere. (A continuation of TWXN50 KWBC).

Code: FM 88-VI (SATO)

TWXN61 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 1, in the Northern Hemisphere. (A continuation of TWXN51 KWBC).

Code: FM 88-VI (SATO)

TWXN62 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 2, in the Northern Hemisphere. (A continuation of TWXN52 KWBC).

Code: FM 88-VI (SATO)

TWXN63 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 3, in the Northern Hemisphere. (A continuation of TWXN53 KWBC).

Code: FM 88-VI (SATO)

TWXN70 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 0, in the Northern Hemisphere. (A continuation of TWXN60 KWBC).

Code: FM 88-VI (SATO)

TWXN71 KWBC

0100,1300,1900

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 1, in the Northern Hemisphere. (A continuation of TWXN61 KWBC).

Code: FM 88-VI (SATO)

TWXS15 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (Is continued in TWXS25 KWBC).

Code: FM 88-VI (SATO)

TWXS16 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (Is continued in TWXS26 KWBC).

Code: FM 88-VI (SATO)

TWXS17 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (Is continued in TWXS27 KWBC).

Code: FM 88-VI (SATO)

TWXS18 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (Is continued in TWXS28 KWBC).

Code: FM 88-VI (SATO)

TWXS25 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (A continuation of TWXS15 KWBC).

Code: FM 88-VI (SATO)

TWXS26 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (A continuation of TWXS16 KWBC).

Code: FM 88-VI (SATO)

TWXS27 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (A continuation of TWXS17 KWBC).

Code: FM 88-VI (SATO)

TWXS28 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (A continuation of TWXS18 KWBC).

Code: FM 88-VI (SATO)

TWXS35 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (A continuation of TWXS25 KWBC).

Code: FM 88-VI (SATO)

TWXS36 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (A continuation of TWXS26 KWBC).

Code: FM 88-VI (SATO)

TWXS37 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (A continuation of TWXS27 KWBC).

Code: FM 88-VI (SATO)

TWXS38 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (A continuation of TWXS28 KWBC).

Code: FM 88-VI (SATO)

TWXS45 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (A continuation of TWXS35 KWBC).

Code: FM 88-VI (SATO)

TWXS46 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (A continuation of TWXS36 KWBC).

Code: FM 88-VI (SATO)

TWXS47 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (A continuation of TWXS37 KWBC).

Code: FM 88-VI (SATO)

TWXS48 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (A continuation of TWXS38 KWBC).

Code: FM 88-VI (SATO)

TWXS55 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (A continuation of TWXS45 KWBC).

Code: FM 88-VI (SATO)

TWXS56 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (A continuation of TWXS46 KWBC).

Code: FM 88-VI (SATO)

TWXS57 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (A continuation of TWXS47 KWBC).

Code: FM 88-VI (SATO)

TWXS58 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (A continuation of TWXS48 KWBC).

Code: FM 88-VI (SATO)

TWXS65 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (A continuation of TWXS55 KWBC).

Code: FM 88-VI (SATO)

TWXS66 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (A continuation of TWXS56 KWBC).

Code: FM 88-VI (SATO)

TWXS67 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (A continuation of TWXS57 KWBC).

Code: FM 88-VI (SATO)

TWXS68 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (A continuation of TWXS58 KWBC).

Code: FM 88-VI (SATO)

TWXS75 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (A continuation of TWXS65 KWBC).

Code: FM 88-VI (SATO)

TWXS76 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (A continuation of TWXS66 KWBC).

Code: FM 88-VI (SATO)

TWXS77 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (A continuation of TWXS67 KWBC).

Code: FM 88-VI (SATO)

TWXS78 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (A continuation of TWXS68 KWBC).

Code: FM 88-VI (SATO)

TWXS85 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (A continuation of TWXS75 KWBC).

Code: FM 88-VI (SATO)

TWXS86 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (A continuation of TWXS76 KWBC).

Code: FM 88-VI (SATO B)

TWXS87 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (A continuation of TWXS77 KWBC).

Code: FM 88-VI (SATO B)

TWXS88 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (A continuation of TWXS78 KWBC).

Code: FM 88-VI (SATO B)

TWXS95 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 5, in the Southern Hemisphere. (A continuation of TWXS85 KWBC).

Code: FM 88-VI (SATO B)

TWXS96 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 6, in the Southern Hemisphere. (A continuation of TWXS86 KWBC).

Code: FM 88-VI (SATO B)

TWXS97 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 7, in the Southern Hemisphere. (A continuation of TWXS87 KWBC).

Code: FM 88-VI (SATO B)

TWXS98 KWBC

0200,1400,2000

Collectives of wind data derived from cloud motion observed by Area covered is global Octant 8, in the Southern Hemisphere. (A continuation of TWXS88 KWBC).

Code: FM 88-VI (SATO B)

TXXX10 KWBC

1900

NDBO bulletin containing moored buoy positions. Includes the octal identifier for platform, latitude, longitude, quality code for position fix, day and time (GMT). Uses NIMBUS VI data.

Code: Plain Language

UAAA1 KWBC

Variable

ASDAR (Aircraft Satellite Data Relay) data from the Antarctic. A device on certain aircraft automatically records the position, altitude, temperature at flight level, and wind direction and speed 8 times per hour. These observations are relayed via satellite and are converted into AIREP code.

Code: AIREP

UAAC1 KWBC

Variable

ASDAR (Aircraft Satellite Data Relay) data from the Arctic. A device on certain aircraft automatically records the position, altitude, temperature at flight level, and wind direction and speed 8 times per hour. These observations are relayed via satellite and are converted into AIREP code.

Code: AIREP

UACA1 KWBC

0003,0033 PE1H

Aircraft report of the position, altitude, temperature at flight level, wind direction and speed, and any special weather phenomena observed for the Caribbean area.

Code: AIREP

UACA2 KWBC

0003,0033 PE1H

Aircraft reports from the Caribbean area that were rejected by the computer and need manual massaging before dissemination.

Code: AIREP

UANA1 KWBC

Variable

ASDAR (Aircraft Satellite Data Relay) data from North America. A device on certain aircraft automatically records the position, altitude, temperature at flight level, and wind direction and speed 8 times per hour. These observations are relayed via satellite and are converted into AIREP code.

Code: AIREP

UANT1 KWBC

0003,0033 PE1H

Aircraft report of the position, altitude, temperature at flight level, wind direction and speed, and any special weather phenomena observed for the North Atlantic area.

Code: AIREP

UANT2 KWBC

0003,0033 PE1H

Aircraft reports from the North Atlantic area that were rejected by the computer and need manual massaging before dissemination.

Code: AIREP

UANT3 KWBC

Variable

ASDAR (Aircraft Satellite Data Relay) data from the north Atlantic area. A device on certain aircraft automatically records the position, altitude, temperature at flight level, and wind direction and speed 8 times per hour. These observations are relayed via satellite and are converted into AIREP code.

Code: AIREP

UAPA1 KWBC

0003,0033 PE1H

Aircraft report of the position, altitude, temperature at flight level, wind direction and speed, and any special weather phenomena observed for the Pacific area.

Code: AIREP

UAPA2 KWBC

0003,0033 PE1H

Aircraft reports from the Pacific area that were rejected by the computer and need manual massaging before dissemination.

Code: AIREP

UAPA3 KWBC

0003,0033 PE1H

Aircraft reports from the Pacific.

Code: AIREP

UAPN1 KWBC

Variable

ASDAR (Aircraft Satellite Data Relay) data from the north Pacific area. A device on certain aircraft automatically records the position, altitude, temperature at flight level, and wind direction and speed 8 times per hour. These observations are relayed via satellite and are converted into AIREP code.

Code: AIREP

UAPS1 KWBC

Variable

ASDAR (Aircraft Satellite Data Relay) data from the south Pacific area. A device on certain aircraft automatically records the position, altitude, temperature at flight level, and wind direction and speed 8

times per hour. These observations are relayed via satellite and are converted into AIREP code.

Code: AIREP

UASA1 KWBC

Variable

ASDAR (Aircraft Satellite Data Relay) data from South America. A device on certain aircraft automatically records the position, altitude, temperature at flight level, and wind direction and speed 8 times per hour. These observations are relayed via satellite and are converted into AIREP code.

Code: AIREP

UAXN1 KWBC

Variable

Miscellaneous Aireps.

Code: AIREP

UBUS1 KWBC

0003,0033 PE1H

Pilot reports for selected U.S. stations transmitted in blocks by state.

Code: PIREP

UEA11 KWBC

1200 Daily

Part D, upper-level pressure, temperature, humidity and wind reports for the following station in the Ascension Islands:

61902 Wide Awake Field, A.I.

Code: FM 35-V (TEMP)

UEAK1 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following stations in Alaska:

70026	Barrow, AK	70273	Anchorage, AK
70200	Nome, AK	70350	Kodiak, AK
70219	Bethel, AK	70361	Yakutat, AK
70231	McGrath, AK	70398	Annette Island, AK

Code: FM 35-V (TEMP)

UEAK2 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following stations in Alaska:

70086	Barter Island, AK	70326	King Salmon, AK
70133	Kotzebue, AK	70414	Shemya AFB, AK
70261	Fairbanks, AK	70454	Adak, AK
70308	St. Paul, AK		

Code: FM 35-V (TEMP)

UECA1 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78016	NAS St. George's, Bermuda	78526	San Juan, Puerto Rico
78367	Guantanamo, Oriente, Cuba	78806	Howard AFB, Panama
78583	Belize, Belize	78970	Piarco Int. A., Curacao

Code: FM 35-V (TEMP)

UECA2 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78384	Owen Roberts A., Grand Cayman
78397	Kingston, Jamaica
78486	Santo Domingo, Dominican Republic
78897	LeRaizet, Guadeloup
78954	Grantley Adams, Barbados
78988	Dr. A. Plesman A., Curacao
80001	San Andres Island, Columbia

Code: FM 35-V (TEMP)

UECA3 KWBC

1200 Daily

Part D, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78118	Turks Island
78325	Casa Blanca, Habana, Cuba
78641	Guatemala, Guatemala
78720	Tegucigalpa, Honduras
78762	San Jose/Juan Santamaria, Costa Rica
78861	Coolidge Field, Antigua
78866	Juliana A., St. Maarten

Code: FM 35-V (TEMP)

UECN1 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71600	Sable Island, NS	71826	Nitchequon, QUE
71722	Maniwaki, QUE	71836	Moosonee, ONT
71815	Stephenville, NFLD	71848	Trout Lake, ONT
71816	Goose, NFLD		

Code: FM 35-V (TEMP)

UECN2 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71906	Fort Chimo, QUE	71915	Coral Harbour, NWT
71907	Inoucdjouac, QUE	71925	Cambridge Bay, NWT
71909	Frobisher Bay, NWT	71945	Fort Nelson, BC
71913	Churchill, MAN		

Code: FM 35-V (TEMP)

UECN3 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71801	St. John's, NFLD	71917	Eureka, NWT
71811	Sept-Isles, QUE	71924	Resolute, NWT
71867	The Pas, MAN	71926	Baker Lake, NWT
71896	Prince George, BC		

Code: FM 35-V (TEMP)

UECN4 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71043	Norman Wells, NWT	71934	Fort Smith, NWT
71051	Sachs Harbour, NWT	71957	Inuvik, NWT
71072	Mould Bay, NWT	71964	Whitehorse, YT
71399	Shelburne, NS		

Code: FM 35-V (TEMP)

UECN5 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71074	Isachsen, NWT	71115	Vernon, BC
71081	Hall Beach, NWT	71119	Edmonton, ALTA
71082	Alert, NWT	71625	Pettawawa, ONT
71109	Port Hardy, BC		

Code: FM 35-V (TEMP)

UECN6 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71701	Gagetown, NB	71853	Shilo, MAN
71716	Valcartier, QUE	71928	Rocky Mountain House, ALTA

Code: FM 35-V (TEMP)

UEMX1 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Mexican stations:

76151	Isla Guadalupe, BCN	76644	Merida, YUC
76225	Chihuahua, CHIH	76654	Manzanillo, COL
76256	Empalme, SON	76679	Mexico City, DF
76394	Monterrey, NL	76692	Veracruz, VER
76458	Mazatlan, SIN	76723	Isla Socorro, COL

Code: FM 35-V (TEMP)

UEPA1 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following Pacific area stations:

91066	Midway Island	91245	Wake Island AFB
91165	Lihue, Hawaii	91275	Johnston Island
91217	Guam, Mariana Islands	91285	Hilo, Hawaii

Code: FM 35-V (TEMP)

UEPA2 KWBC

0000 Daily

Part D, upper-level pressure, temperature, humidity and wind reports for the following Pacific area stations:

91334	Truk, Caroline Islands	91408	Koror, Palau Islands
91348	Ponape, Caroline Islands	91413	Yap, Caroline Islands
91366	Kwajalein, Marshall Is.	91765	Pago Pago/Int., American Samoa
91376	Majuro/Marshall Is.		

Code: FM 35-V (TEMP)

UESA40 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following selected South American stations:

80413 84628 85442 85543

Code: FM 35-V (TEMP)

UESA41 KWBC

1200 Daily

Part D, upper-level pressure, temperature, humidity and wind reports for the following selected South American stations:

80222 80241 80337 80447 80462 86218

Code: FM 35-V (TEMP)

UESA42 KWBC

1200 Daily

Part D, upper-level pressure, temperature, humidity and wind reports for the following South American stations:

84008 84203 84377 85201 85469 85799 85934

Code: FM 35-V (TEMP)

UEUS1 KWBC

0000 PE12H

Part D, upper-level pressure temperature, humidity and wind reports for the following U.S. stations:

72311	Athens, GA	72407	Atlantic City, NJ
72327	Nashville, TN	72476	Grand Junction, CO
72349	Monett, MO	72520	Pittsburgh, PA
72403	Sterling, VA	72528	Buffalo, NY

Code: FM 35-V (TEMP)

UEUS10 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72562	North Platte, NE	72637	Flint, MI
72572	Salt Lake City, UT	72694	Salem, OR
72576	Lander, WY	72764	Bismarck, ND
72583	Winnemucca, NV		

Code: FM 35-V (TEMP)

UEUS2 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72203	West Palm Beach, FL	72250	Fort Benning, GA
72208	Charleston, SC	72270	El Paso, TX
72229	Centreville, AL	72304	Cape Hatteras, NC
72232	Boothville, LA		

Code: FM 35-V (TEMP)

UEUS3 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72210	Tampa Bay Area, FL	72240	Lake Charles, LA
72213	Waycross, GA	72255	Victoria, TX
72235	Jackson, MS	72265	Midland, TX

Code: FM 35-V (TEMP)

UEUS4 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72317	Greensboro, NC	72365	Albuquerque, NM
72340	North Little Rock, AR	72451	Dodge City, KS
72353	Oklahoma City, OK	72606	Portland, ME
72363	Amarillo, TX		

Code: FM 35-V (TEMP)

UEUS5 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72493	Oakland, CA	72662	Rapid City, SD
72645	Green Bay, WI	72747	International Falls, MN
72654	Huron, SD	72775	Great Falls, MT
72655	St. Cloud, MN	72797	Quillayute, WA

Code: FM 35-V (TEMP)

UEUS6 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72274	Tucson, AZ	72553	Omaha, NE
72290	San Diego, CA	72597	Medford, OR
72429	Dayton, OH	72681	Boise, ID
72486	Ely, NV	72785	Spokane, WA

Code: FM 35-V (TEMP)

UEUS7 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72201	Key West, FL	72734	Sault Ste. Marie, MI
72532	Peoria, IL	72768	Glasgow, MT
72712	Caribou, ME	74494	Chatham, MA

Code: FM 35-V (TEMP)

UEUS8 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72220	Apalachicola, FL	72402	Wallops Island, VA
72247	Longview, TX	72425	Huntington, WV
72260	Stephenville, TX	72433	Salem, IL
72261	Del Rio, TX		

Code: FM 35-V (TEMP)

UEUS9 KWBC

0000 PE12H

Part D, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72374	Winslow/Mun., AZ	72456	Topeka, KS
72387	Mercury, NV	72469	Denver, CO
72393	Vandenburg AFB, CA	72518	Albany, NY

Code: FM 35-V (TEMP)

UGAK2 KWBC

0330 PE12H

Part B, upper-wind reports for the following stations in Alaska:

70086	Barter Island, AK	70316	Cold Bay, AK
70133	Kotzebue, AK	70326	King Salmon, AK
70261	Fairbanks/Int., AK	70414	Shemya AFB, AK
70308	St. Paul, AK	70454	Adak/Navy, AK

Code: FM 32-V (PILOT)

UGCN3 KWBC

0330 PE12H

Part B, upper-wind reports for the following Canadian stations:

71801	St. John's, NFLD.	71917	Eureka, NWT
71811	Sept-Isles, QUE	71924	Resolute, NWT
71867	The Pas, MAN	71926	Baker Lake, NWT
71896	Prince George, BC		

Code: FM 32-V (PILOT)

UGCN5 KWBC

0330 PE12H

Part B, upper-wind reports for the following Canadian stations:

71074	Isachsen, NWT	71115	Vernon, BC
71081	Hall Beach, NWT	71119	Edmonton (Stony Plain), ALTA
71082	Alert, NWT	71625	Pettawawa, ONT
71109	Port Hardy, BC		

Code: FM 32-V (PILOT)

UGUS1 KWBC

0330 PE12H

Part B, upper-wind reports for the following U.S. stations:

72311	Athens, GA	72407	Atlantic City, NJ
72327	Nashville, TN	72476	Grand Junction, CO
72349	Monett, MO	72520	Pittsburgh, PA
72403	Sterling, VA	72528	Buffalo, NY

Code: FM 32-V (PILOT)

UGUS10 KWBC

0330 PE12H

Part B, upper-wind reports for the following U.S. stations:

72562	North Platte, NE	72637	Flint, MI
72572	Salt Lake City, UT	72694	Salem, OR
72576	Lander, WY	72764	Bismarck, ND
72583	Winnemucca, NV		

Code: FM 32-V (PILOT)

UGUS11 KWBC

0330 PE12H

Part B, upper-wind reports for the following U.S. station:

72280 Yuma, AZ

Code: FM 32-V (PILOT)

UGUS2 KWBC

0330 PE12H

Part B, upper-wind reports for the following U.S. stations:

72203	West Palm Beach, FL	72250	Fort Benning, GA
72208	Charleston, SC	72270	El Paso, TX
72229	Centreville, AL	72304	Cape Hatteras, NC
72232	Boothville, LA		

Code: FM 32-V (PILOT)

UGUS3 KWBC

0330 PE12H

Part B, upper-wind reports for the following U.S. stations:

72210	Tampa Bay Area, FL	72240	Lake Charles, LA
72213	Waycross, GA	72255	Victoria, TX
72235	Jackson, MS	72265	Midland, TX

Code: FM 32-V (PILOT)

UGUS4 KWBC

0330 PE12H

Part B, upper-wind reports for the following U.S. stations:

72317	Greensboro, NC	72365	Albuquerque, NM
72340	North Little Rock, AR	72451	Dodge City, KS
72353	Oklahoma City, OK	72606	Portland, ME
72363	Amarillo, TX		

Code: FM 32-V (PILOT)

UGUS5 KWBC

0330 PE12H

Part B, upper-wind reports for the following U.S. stations:

72493	Oakland, CA	72662	Rapid City, SD
72645	Green Bay, WI	72747	International Falls, MN
72654	Huron, SD	72775	Great Falls, MT
72655	St. Cloud, MN	72797	Quillayute, WA

Code: FM 32-V (PILOT)

UGUS6 KWBC

Ø33Ø PE12H

Part B, upper-wind reports for the following U.S. stations:

72274	Tucson, AZ	72553	Omaha, NE
7229Ø	San Diego, CA	72597	Medford, OR
72429	Dayton, OH	72681	Boise, ID
72486	Ely, NV	72785	Spokane, WA

Code: FM 32-V (PILOT)

UGUS7 KWBC

Ø33Ø PE12H

Part B, upper-wind report for the following U.S. stations:

722Ø1	Key West, FL	72734	Sault Ste. Marie, MI
72532	Peoria, IL	72768	Glasgow, MT
72712	Caribou, ME	74494	Chatham, MA

Code: FM 32-V (PILOT)

UGUS8 KWBC

Ø33Ø PE12H

Part B, upper-wind reports for the following U.S. stations:

7222Ø	Apalachicola, FL	724Ø2	Wallops Island, VA
72247	Longview, TX	72425	Huntington, WV
7226Ø	Stephenville, TX	72433	Salem, IL
72261	Del Rio, TX		

Code: FM 32-V (PILOT)

UGUS9 KWBC

Ø33Ø PE12H

Part B, upper-wind reports for the following U.S. stations:

72374	Winslow, AZ	72469	Denver, CO
72393	Vandenburg AFB, CA	72518	Albany, NY
72456	Topeka, KS		

Code: FM 32-V (PILOT)

UKAI1 KWBC

1200 Daily

Part B, upper-level pressure, temperature, humidity and wind reports for the following station in the Ascension Islands:

61902 Wide Awake Field, AI

Code: FM 35-V (TEMP)

UKAK1 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following stations in Alaska:

70026	Barrow, AK	70273	Anchorage, AK
70200	Nome, AK	70350	Kodiak, AK
70219	Bethel, AK	70361	Yakutat, AK
70231	McGrath, AK	70398	Annette Island, AK

Code: FM 35-V (TEMP)

UKAK2 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following stations in Canada:

70086	Barter Island, AK	70316	Cold Bay, AK
70133	Kotzebue, AK	70326	King Salmon, AK
70261	Fairbanks/Int., AK	70414	Shemya AFB, AK
70308	St. Paul, AK	70454	Adak/Navy, AK

Code: FM 35-V (TEMP)

UKCA1 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78016	NAS St. George's, Bermuda	78526	San Juan, Puerto Rico
78367	Guantanamo, Cuba	78806	Howard AFB, Panama
78583	Belize, Belize	78970	Piarco, Curacao

Code: FM 35-V (TEMP)

UKCA2 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78384	Owen Roberts A., Grand Cayman
78397	Kingston, Jamaica
78486	Santo Domingo, Dominican Republic
78897	Le Raizet, Guadeloupe
78954	Grantley Adams, Barbados
78988	Dr. A. Plesman A., Curacao
80001	San Andres (Island), Columbia

Code: FM 35-V (TEMP)

UKCA3 KWBC

1200 Daily

Part B, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78118	Turks Island
78325	Casa Blanca, Cuba
78641	Guatemala, Guatemala
78720	Tegucigalpa, Honduras
78762	San Jose/Juan Santamaria, Costa Rica
78861	Coolidge Field, Antigua
78866	Juliana A., St. Maarten

Code: FM 35-V (TEMP)

UKCN1 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71600	Sable Island, NS	71826	Nitchequon, QUE
71722	Maniwaki, QUE	71836	Moosonee, ONT
71815	Stephenville, NFLD	71848	Trout Lake, ONT
71816	Goose, NFLD		

Code: FM 35-V (TEMP)

UKCN2 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71906	Fort Chimo, QUE	71915	Coral Harbour, NWT
71907	Inoucdjouac, QUE	71925	Cambridge Bay, NWT
71909	Frobisher Bay, NWT	71945	Fort Nelson, BC
71913	Churchill, MAN		

Code: FM 35-V (TEMP)

UKCN3 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71801	St. John's, NFLD	71917	Eureka, NWT
71811	Sept-Isles, QUE	71924	Resolute, NWT
71867	The Pas, MAN	71926	Baker Lake, NWT
71896	Prince George, BC		

Code: FM 35-V (TEMP)

UKCN4 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71043	Norman Wells, NWT	71934	Fort Smith, NWT
71051	Sachs Harbour, NWT	71957	Inuvik, NWT
71072	Mould Bay, NWT	71964	Whitehorse, YT
71399	Shelburne, NS		

Code: FM 35-V (TEMP)

UKCN5 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71074	Isachsen, NWT	71115	Vernon, BC
71081	Hall Beach, NWT	71119	Edmonton, ALTA
71082	Alert, NWT	71625	Pettawawa, ONT
71109	Port Hardy, BC		

Code: FM 35-V (TEMP)

UKCN6 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71701	Gagetown, NB	71853	Shilo, MAN
71716	Valcartier, QUE	71928	Rocky Mountain House, ALTA

Code: FM 35-V (TEMP)

UKMX1 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Mexican stations:

76151	Isla Guadalupe, BCN	76644	Merida, YUC
76225	Chihuahua, CHIH	76654	Manzanillo, COL
76256	Empalme, SON	76679	Mexico, DF
76394	Monterrey, NL	76692	Veracruz, VER
76458	Mazatlan, SIN	76723	Isla Socorro, COL

Code: FM 35-V (TEMP)

UKPA1 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following Pacific area stations:

91066	Midway Island	91245	Wake Island AFB
91165	Lihue, Hawaii	91275	Johnston Island
91217	Guam, Mariana Is.	91285	Hilo, Hawaii

Code: FM 35-V (TEMP)

UKPA2 KWBC

0000 Daily

Part B, upper-level pressure, temperature, humidity and wind reports for the following Pacific area stations:

91334	Truk, Caroline Is.	91408	Koror, Palau Is.
91348	Ponape, Caroline Is.	91413	Yap, Caroline Is.
91366	Kwajalein, Marshall Is.	91765	Pago Pago, American Samoa
91376	Majuro, Marshall Is.		

Code: FM 35-V (TEMP)

UKSA40 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following selected South American stations:

80413	84628	85442	85543
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Code: FM 35-V (TEMP)

UKSA41 KWBC

1200 Daily

Part B, upper-level pressure, temperature, humidity and wind reports for the following selected South American stations:

80222 80241 80337 80447 80462 86218

Code: FM 35-V (TEMP)

UKSA42 KWBC

1200 Daily

Part B, upper-level pressure, temperature, humidity and wind reports for the following South American stations:

84008 84203 84377 85201 85469 85799 85934

Code: FM 35-V (TEMP)

UKUS1 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72311	Athens, GA	72407	Atlantic City, NJ
72327	Nashville, TN	72476	Grand Junction, CO
72349	Monett, MO	72520	Pittsburgh, PA
72403	Sterling, VA	72528	Buffalo, NY

Code: FM 35-V (TEMP)

UKUS10 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity, and wind reports for the following U.S. stations:

72562	North Platte, NE	72637	Flint, MI
72572	Salt Lake City, UT	72694	Salem, OR
72576	Lander, WY	72764	Bismarck, ND
72583	Winnemucca, NV		

Code: FM 35-V (TEMP)

UKUS11 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72280 Yuma, AZ

Code: FM 35-V (TEMP)

UKUS2 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72203	West Palm Beach, FL	72250	Brownsville, TX
72208	Charleston, SC	72270	El Paso, TX
72229	Centreville, AL	72304	Cape Hatteras, NC
72232	Boothville, LA		

Code: FM 35-V (TEMP)

UKUS3 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72210	Tampa Bay Area, FL	72240	Lake Charles, LA
72213	Waycross, GA	72255	Victoria, TX
72235	Jackson, MS	72265	Midland, TX

Code: FM 35-V (TEMP)

UKUS4 KWBC

0000 PE12H

Part B, upper-level pressure, temperature humidity and wind reports for the following U.S. stations:

72317	Greensboro, NC	72365	Albuquerque, NM
72340	North Little Rock, AR	72451	Dodge City, KS
72353	Oklahoma City, OK	72606	Portland, ME
72363	Amarillo, TX		

Code: FM 35-V (TEMP)

UKUS5 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72493	Oakland, CA	72662	Rapid City, SD
72645	Green Bay, WI	72747	Int. Falls, MN
72654	Huron, SD	72775	Great Falls, MT
72655	St. Cloud, NM	72797	Quillayute, WA

Code: FM 35-V (TEMP)

UKUS6 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72274	Tucson, AZ	72553	Omaha, NE
72290	San Diego, CA	72597	Medford, OR
72429	Dayton, OH	72681	Boise, ID
72486	Ely, NV	72785	Spokane, WA

Code: FM 35-V (TEMP)

UKUS7 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity, and wind reports for the following U.S. stations:

72201	Key West, FL	72734	Sault Ste. Marie, MI
72532	Peoria, IL	72768	Glasgow, MT
72712	Caribou, ME	74494	Chatham, MA

Code: FM 35-V (TEMP)

UKUS8 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72220	Apalachicola, FL	72402	Wallops Island, VA
72247	Longview, TX	72425	Huntington, WV
72260	Stephenville, TX	72433	Salem, IL
72261	Del Rio, TX		

Code: FM 35-V (TEMP)

UKUS9 KWBC

0000 PE12H

Part B, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72374	Winslow/Mun., AZ	72456	Topeka/Mun., KS
72387	Mercury, NV	72469	Denver, CO
72393	Vandenburg AFB, CA	72518	Albany, NY

Code: FM 35-V (TEMP)

ULA11 KWBC

1200 Daily

Part C, upper-level pressure, temperature, humidity and wind reports for the following station in the Ascension Islands:

61902 Wide Awake Field, AI

Code: FM 35-V (TEMP)

ULAK1 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following stations in Alaska:

70026	Barrow, AK	70273	Anchorage, AK
70200	Nome, AK	70350	Kodiak, AK
70219	Bethel, AK	70361	Yakutat, AK
70231	McGrath, AK	70398	Annette Island, AK

Code: FM 35-V (TEMP)

ULAK2 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following stations in Alaska:

70086	Barter Island, AK	70316	Cold Bay, AK
70133	Kotzebue, AK	70326	King Salmon, AK
70261	Fairbanks, AK	70414	Shemya AFB, AK
70308	St. Paul, AK	70454	Adak, AK

Code: FM 35-V (TEMP)

ULCA1 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78016	NAS St. George's, Bermuda	78526	San Juan, Puerto Rico
78367	Guantanamo, Cuba	78806	Howard AFB, Panama
78583	Belize, Belize	78970	Piarco, Curacao

Code: FM 35-V (TEMP)

ULCA2 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78384	Owen Roberts A., Grand Cayman
78397	Kingston, Jamaica
78486	Santo Domingo, Dominican Republic
78897	Le Raizet, Guadeloupe
78954	Grantley Adams, Barbados
78988	Dr. A. Plesman A., Curacao
80001	San Andras (Island), Columbia

Code: FM 35-V (TEMP)

ULCA3 KWBC

1200 Daily

Part C, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78118	Turks Island (Aux AFB)	78762	San Jose/Costa Rica
78325	Casa Blanca, Habana, Cuba	78861	Coolidge Field, Antigua
78641	Guatemala, Guatemala	78866	Juliana A., St. Maarten
78720	Tegucigalpa, Honduras		

Code: FM 35-V (TEMP)

ULCN1 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71600	Sable Island, NS	71826	Nitchequon, QUE
71722	Maniwaki, QUE	71836	Moosonee ONT
71815	Stephenville, NFLD	71848	Trout Lake, ONT
71816	Goose, NFLD		

Code: FM 35-V (TEMP)

ULCN2 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71906	Fort Chimo, QUE	71915	Coral Harbour, NWT
71907	Inoucdjouac, QUE	71925	Cambridge Bay, NWT
71909	Frobisher Bay, NWT	71945	Fort Nelson, BC
71913	Churchill, MAN		

Code: FM 35-V (TEMP)

ULCN3 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71801	St. John's, NFLD	71917	Eureka, NWT
71811	Sept-Isles, QUE	71924	Resolute, NWT
71867	The Pas, MAN	71926	Baker Lake, NWT
71896	Prince George, BC		

Code: FM 35-V (TEMP)

ULCN4 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71043	Norman Wells, NWT	71934	Fort Smith, NWT
71051	Sachs Harbour, NWT	71957	Inuvik, NWT
71072	Mould Bay, NWT	71964	Whitehorse, YT
71399	Shelburne, NS		

Code: FM 35-V (TEMP)

ULCN5 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71074	Isachsen, NWT	71115	Vernon, BC
71081	Hall Beach, NWT	71119	Edmonton, ALTA
71082	Alert, NWT	71625	Pettawawa, ONT
71109	Port Hardy, BC		

Code: FM 35-V (TEMP)

ULCN6 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71701	Gagetown, NB	71853	Shilo, MAN
71716	Valcartier, QUE	71928	Rocky Mountain House, ALTA

Code: FM 35-V (TEMP)

ULMX1 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Mexican stations:

76151	Isla Guadalupe, BCN	76644	Merida, YUC
76225	Chihuahua, CHIH	76654	Manzanillo, COL
76256	Empalme, SON	76679	Mexico, DF
76394	Monterrey, NL	76692	Veracruz, VER
76458	Mazatlan, SIN	76723	Isla Socorro, COL

Code: FM 35-V (TEMP)

ULPA1 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Pacific area stations:

91066	Midway Island	91245	Wake Island AFB
91165	Lihue, Hawaii	91275	Johnston Island
91217	Guam, Mariana Is.	91285	Hilo, Hawaii

Code: FM 35-V (TEMP)

ULPA2 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following Pacific area stations:

91334	Truk, Caroline Islands	91408	Koror, Palau Is.
91348	Ponape, Caroline Islands	91413	Yap, Caroline Is.
91366	Kwajalein, Marshall Is.	91765	Pago Pago, American Samoa
91376	Majuro, Marshall Is.		

Code: FM 35-V (TEMP)

ULSA40 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following selected South American stations:

80413 84628 85442 85543

Code: FM 35-V (TEMP)

ULSA41 KWBC

1200 Daily

Part C, upper-level pressure, temperature, humidity and wind reports for the following selected South American stations:

80222 80241 80337 80447 80462 86218

Code: FM 35-V (TEMP)

ULSA42 KWBC

1200 Daily

Part C, upper-level pressure, temperature, humidity and wind reports for the following South American stations:

84008 84203 84377 85201 85469 85799 85934

Code: FM 35-V (TEMP)

ULUS1 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72311	Athens, GA	72407	Atlantic City, NJ
72327	Nashville, TN	72476	Grand Junction, CO
72349	Monett, MO	72520	Pittsburgh, PA
72403	Sterling, VA	72528	Buffalo, NY

Code: FM 35-V (TEMP)

ULUS10 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72562	North Platte, NE	72637	Flint, MI
72572	Salt Lake City, UT	72694	Salem, OR
72576	Lander, WY	72764	Bismarck, SD
72583	Winnemucca, NV		

Code: FM 35-V (TEMP)

ULUS2 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72203	West Palm Beach, FL	72250	Brownsville, TX
72208	Charleston, SC	72270	El Paso, TX
72229	Centreville, AL	72304	Cape Hatteras, NC
72232	Boothville, LA		

Code: FM 35-V (TEMP)

ULUS3 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72210	Tampa Bay Area, FL	72240	Lake Charles, LA
72213	Waycross, GA	72255	Victoria, TX
72235	Jackson, MS	72265	Midland, TX

Code: FM 35-V (TEMP)

ULUS4 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72317	Greensboro, NC	72365	Albuquerque, NM
72340	North Little Rock, AR	72451	Dodge City, KS
72353	Oklahoma City, OK	72606	Portland, ME
72363	Amarillo, TX		

Code: FM 35-V (TEMP)

ULUS5 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72493	Oakland, CA	72662	Rapid City, SD
72645	Green Bay, WI	72747	International Falls, MN
72654	Huron, SD	72775	Great Falls, MT
72655	St. Cloud, MN	72797	Quillayute, WA

Code: FM 35-V (TEMP)

ULUS6 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72274	Tucson, AZ	72553	Omaha, NE
72290	San Diego, CA	72597	Medford, OR
72429	Dayton, OH	72681	Boise, ID
72486	Ely, NV	72785	Spokane, WA

Code: FM 35-V (TEMP)

ULUS7 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72201	Key West, FL	72734	Sault Ste. Marie, MI
72532	Peoria, IL	72768	Glasgow, MT
72712	Caribou, ME	74494	Chatham, MA

Code: FM 35-V (TEMP)

ULUS8 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following u.S. stations:

72220	Apalachicola, FL	72402	Wallops Island, VA
72247	Longview, TX	72425	Huntington, WV
72260	Stephenville, TX	72433	Salem, IL
72261	Del Rio, TX		

Code: FM 35-V (TEMP)

ULUS9 KWBC

0000 PE12H

Part C, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72374	Winslow, AZ	72456	Topeka, KS
72387	Mercury, NV	72469	Denver, CO
72393	Vandenburg AFB, CA	72518	Albany, NY

Code: FM 35-V (TEMP)

UMCN1 KWBC

0000 PE6H

Parts A & B, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71109	Port Hardy, BC	71836	Moosonee, ONT
71119	Edmonton, ALTA	71867	The Pas, MAN
71722	Maniwaki, QUE	71896	Prince George, BC

Code: FM 35-V

UMVD20 KWBC

0000 PE6H

Parts A & B, upper-level pressure, temperature, humidity and wind reports observed by ships operating in the Atlantic and Gulf waters.

Code: FM 36-V

UPVD1 KWBC

Variable

Upper air wind observations from commercial ships. These are not received on a regular basis.

Code: FM 32-V (PILOT)

URNT10 KWBC

As Needed

Routine aircraft reconnaissance observations for the north Atlantic area. (Transmitted only when Miami reconnaissance bulletins are not available.)

Code: Aircraft reconnaissance

URNT11 KWBC

As Needed

Aircraft reconnaissance observations taken during a tropical storm or hurricane for the north Atlantic area. (Transmitted only when Miami reconnaissance bulletins are not available.)

Code: Aircraft reconnaissance

URNT12 KWBC

As Needed

Aircraft reconnaissance observations of the tropical center/ vortex for the north Atlantic area. (Transmitted only when Miami reconnaissance bulletins are not available.)

Code: Aircraft reconnaissance

URPN10 KWBC

As Needed

Aircraft reconnaissance observations for the eastern north Pacific area. (Transmitted only when Miami reconnaissance bulletins are not available.)

Code: Aircraft reconnaissance

URPN11 KWBC

As Needed

Aircraft reconnaissance observations taken during a tropical storm or hurricane for the eastern north Pacific area. (Transmitted only when Miami reconnaissance bulletins are not available.)

Code: Aircraft reconnaissance

URPN12 KWBC

As Needed

Aircraft reconnaissance observations of the tropical center/vortex for the eastern north Pacific area. (Transmitted only when Miami reconnaissance bulletins are not available.)

Code: Aircraft reconnaissance

USAI1 KWBC

1200 Daily

Part A, upper-level pressure, temperature, humidity and wind reports for the following station in the Ascension Islands:

61902 Wide Awake Field, AI

Code: FM 35-V (TEMP)

USAK1 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following stations in Alaska:

70026	Barrow, AK	70273	Anchorage/Int., AK
70200	Nome, AK	70350	Kodiak, AK
70219	Bethel, AK	70361	Yakutat, AK
70231	McGrath, AK	70398	Annette Island, AK

Code: FM 35-V (TEMP)

USAK2 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following stations in Alaska:

70086	Barter Island, AK	70316	Cold Bay, AK
70133	Kotzebue, AK	70326	King Salmon, AK
70261	Fairbanks, AK	70414	Shemya AFB, AK
70308	St. Paul, AK	70454	Adak, AK

Code: FM 35-V (TEMP)

USCA1 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78016	NAS St. George's, Bermuda	78526	San Juan, Puerto Rico
78367	Guantanamo, Cuba	78806	Howard AFB, Panama
78583	Belize, Belize	78970	Piarco, Curacao

Code: FM 35-V (TEMP)

USCA2 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78384	Owen Roberts A., Grand Cayman
78397	Kingston, Jamaica
78486	Santo Domingo, Dominican Republic
78897	Le Raizet, Guadeloupe
78954	Grantley Adams, Barbados
78988	Dr. A. Plesman A., Curacao
80001	San Andres (Island), Columbia

Code: FM 35-V (TEMP)

USCA3 KWBC

1200 Daily

Part A, upper-level pressure, temperature, humidity and wind reports for the following Caribbean area stations:

78118	Turks Island (aux AFB)
78325	Casa Blanca, Habana, Cuba
78641	Guatemala, Guatemala
78720	Tegucigalpa, Honduras
78762	San Jose/Juan Santamaria, Costa Rico
78861	Coolidge Field, Antigua
78866	Juliana A., St. Maarten

Code: FM 35-V (TEMP)

USCN1 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71600	Sable Island, NS	71826	Nitchequon, QUE
71722	Maniwaki, QUE	71836	Moosonee, ONT
71815	Stephenville, NFLD	71848	Trout Lake, ONT
71816	Goose, NFLD		

Code: FM 35-V (TEMP)

USCN2 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71906	Fort Chimo, QUE	71915	Coral Harbour, NWT
71907	Inoucdjovac, QUE	71925	Cambridge Bay, NWT
71909	Frobisher Bay, NWT	71945	Fort Nelson, BC
71913	Churchill, MAN		

Code: FM 35-V (TEMP)

USCN3 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71801	St John's, NFLD	71917	Eureka, NWT
71811	Sept-Iles, QUE	71924	Resolute, NWT
71867	The Pas, MAN	71926	Baker Lake, NWT
71896	Prince George, BC		

Code: FM 35-V (TEMP)

USCN4 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71043	Norman Wells, NWT	71934	Fort Smith, NWT
71051	Sachs Harbour, NWT	71957	Inuvik, NWT
71072	Mould Bay, NWT	71964	Whitehorse, YT
71399	Shelburne, NS		

Code: FM 35-V (TEMP)

USCN5 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71074	Isachsen, NWT	71115	Vernon, BC
71081	Hall Beach, NWT	71119	Edmonton, ALTA
71082	Alert, NWT	71625	Pettawawa, ONT
71109	Port Hardy, BC		

Code: FM 35-V (TEMP)

USCN6 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Canadian stations:

71701	Gagetown, NB	71853	Shilo, MAN
71716	Valcartier, QUE	71928	Rocky Mountain House, ALTA

Code: FM 35-V (TEMP)

USMX1 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Mexican stations:

76151	Isla Guadalupe, BCN	76644	Merida, YUC
76225	Chihuahua, CHIH	76654	Manzanillo, COL
76256	Empalme, SON	76679	Mexico, DF
76394	Monterrey, NL	76692	Veracruz, VER
76458	Mazatlan, SIN	76823	Isla Socorro, COL

Code: FM 35-V (TEMP)

USPA1 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following Pacific area stations:

91066	Midway Island	91245	Wake Island AFB
91165	Lihue, Hawaii	91275	Johnston Island
91217	Guam, Mariana Is.	91285	Hilo, Hawaii

Code: FM 35-V (TEMP)

USPA2 KWBC

0000 Daily

Part A, upper-level pressure, temperature, humidity and wind reports for the following Pacific stations:

91334	Truk, Caroline Is.	91408	Koror, Palou Island
91348	Ponape, Caroline Is.	91413	Yap, Caroline Island
91366	Kwajalein, Marshall Is.	91765	Pago Pago, American Samoa
91376	Majuro, Marshall Island		

Code: FM 35-V (TEMP)

USSA40 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following selected South American stations:

80413 84628 85442 85543

Code: FM 35-V (TEMP)

USSA41 KWBC

1200 Daily

Part A, upper-level pressure, temperature, humidity and wind reports for the following selected South American stations:

80222 80241 80337 80447 80462 86218

Code: FM 35-V (TEMP)

USSA42 KWBC

1200 Daily

Part A, upper-level pressure, temperature, humidity and wind reports for the following South American stations:

84008 84203 84377 85201 85469 85799 85934

Code: FM 35-V (TEMP)

USUS1 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72311	Athens, GA	72407	Atlantic City, NJ
72327	Nashville, TN	72476	Grand Junction, CO
72349	Monett, MO	72520	Pittsburgh, PA
72403	Sterling, VA	72528	Buffalo, NY

Code: FM 35-V (TEMP)

USUS10 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72562	North Platte, NE	72637	Flint, MI
72572	Salt Lake City, UT	72694	Salem, OR
72576	Lander, WY	72764	Bismarck, ND
72583	Winnemucca, NV		

Code: FM 35-V (TEMP)

USUS2 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72203	West Palm Beach, FL	72250	Brownsville, TX
72208	Charleston, SC	72270	El Paso, TX
72229	Centreville, AL	72304	Cape Hatteras, NC
72232	Boothville, LA		

Code: FM 35-V (TEMP)

USUS3 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72210	Tampa Bay Area, FL	72240	Lake Charles, LA
72213	Waycross, GA	72255	Victoria, TX
72235	Jackson, MS	72265	Midland, TX

Code: FM 35-V (TEMP)

USUS4 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72317	Greensboro, NC	72365	Albuquerque, NM
72340	North Little Rock, AR	72451	Dodge City, KS
72353	Oklahoma City, OK	72606	Portland, ME
72363	Amarillo, TX		

Code: FM 35-V (TEMP)

USUS5 KWBC**0000 PE12H**

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72493	Oakland, CA	72662	Rapid City, SD
72645	Green Bay, WI	72747	Int. Falls, MN
72654	Huron, SD	72775	Great Falls, MT
72655	St. Cloud, MN	72797	Quillayute, WA

Code: FM 35-V (TEMP)

USUS6 KWBC**0000 PE12H**

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72274	Tucson, AZ	72553	Omaha, NE
72290	San Diego, CA	72597	Medford, OR
72429	Dayton, OH	72681	Boise, ID
72486	Ely, NV	72785	Spokane, WA

Code: FM 35-V (TEMP)

USUS7 KWBC**0000 PE12H**

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72201	Key West, FL	72734	Sault Ste. Marie, MI
72532	Peoria, IL	72768	Glasgow, MT
72712	Caribou, ME	74494	Chatham, MA

Code: FM 35-V (TEMP)

USUS8 KWBC**0000 PE12H**

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72220	Apalachicola, FL	72402	Wallops Island, VA
72247	Longview, TX	72425	Huntington, WV
72260	Stephenville, TX	72433	Salem, IL
72261	Del Rio, TX		

Code: FM 35-V (TEMP)

USUS9 KWBC

0000 PE12H

Part A, upper-level pressure, temperature, humidity and wind reports for the following U.S. stations:

72374	Winslow, AZ	72456	Topeka, KS
72387	Mercury, NV	72469	Denver, CO
72393	Vandenberg AFB, CA	72518	Albany, NY

Code: FM 35-V (TEMP)

UXEQ50 KWBC

Hourly

Upper Air data from Galapagos Island collected by satellite.

Code: Special

UXVX1 KWBC

Variable

Miscellaneous upper air temp observations.

UZNT13 KWBC

As Needed

Reconnaissance dropsonde observations of upper-level pressure, temperature, humidity and wind speed and direction for the western north Atlantic area. (This is a backup bulletin to the Miami dropsonde bulletin and is only transmitted when necessary to fulfill this function.)

UZPN13 KWBC

As Needed

Reconnaissance dropsonde observations of upper-level pressure, temperature, humidity and wind speed and direction for the eastern north Pacific area. (This is a backup bulletin to the Miami dropsonde bulletin and is only transmitted when necessary to fulfill this function.)

WAUS1 KWBC

As Needed

Flight advisories, (AIRMETs), containing information on weather phenomena of lesser severity than that in SIGMETs and generally applies to aircraft weighing 12,500 lbs. or less. AIRMETs are only issued as amendments to appropriate area forecast (FA) bulletins. The area covered includes:

Ohio
West Virginia
Maryland
Delaware
District of Columbia

Virginia
North Carolina
South Carolina
U.S. portion of Lake Erie
coastal waters

Code: Abbrev. Plain Language

WHNT20 KWBC

As Needed

Western north Atlantic tropical storm warning. Issued only during a hurricane. (Labeled Part I. Part II is FPNT20 KWBC. Part III is ASNT20 KWBC.)

Code: Plain Language

WHXX1 KWBC

As Needed

Computer hurricane guidance. Coordinates of storm are fed into computer models and the track of the storm is predicted.

Code: Special

WHXX2 KWBC

As Needed

Computer hurricane guidance. Coordinates of storm are fed into computer models and the track of the storm is predicted.

Code: Special

WHXX3 KWBC

As Needed

Computer hurricane guidance. Coordinates of storm are fed into computer models and the track of the storm is predicted.

Code: Special

WSUS1 KWBC

As Needed

Flight advisories, (SIGMETs), containing information on weather of such severity that it concerns all aircraft in the described area. Each SIGMET automatically updates or amends an appropriate area forecast (FA) bulletin. The area covered includes:

Ohio
West Virginia
Maryland
Delaware
District of Columbia

Virginia
North Carolina
South Carolina
U.S. portion of Lake Erie
coastal waters

Code: Abbrev. Plain Language

WWNT20 KWBC

0000 PE6H

Western north Atlantic tropical storm warning. (During a hurricane this bulletin is not issued, instead there is WHNT20 KWBC.) (Labeled Part I. Part II is FPNT20 KWBC. Part III is ASNT20 KWBC.)

Code: Plain Language

WWUS10 KWBC

As Needed

Storm Center Coordination Message.

Code: Plain Language

Abbreviated Terms Defined

cm	Centimeter
hr.	Hour
max/min	Maximum/Minimum
mb	Millibar
precip	Precipitation
sec.	Seconds
temp	Temperature
temps	Temperatures
A	Airport
AFB	Air Force Base
AFOS	Automated Field Operations and Services
AMDS	Amendments
AMOS	Automatic Meteorological Observing System
ANBESS	Aids to Navigation Buoy Environmental Sensing System
ASCII	American Standard Code for Information Interchange
ASDAR	Aircraft Satellite Data Relay
CARMET	Caribbean Aviation Weather Broadcast
CEMET	Central America Meteorological Network
CGP	Convective Gust Potential
COR	Corrections
FAA	Federal Aviation Administration
GMT	Greenwich Meridian Time
GOES	Geostationary Operational Environmental Satellite
GTS	Global Telecommunication System
Int.	International Airport
Is.	Island
KCRT	Keyboard Cathode-Ray Tube
LFM	Limited Fine Mesh
Mun.	Municipal Airport
MOS	Model Output Statistics
NAS	Naval Air Station
NDBO	National Data Buoy Office
NMC	National Meteorological Center
NOAA	National Oceanic and Atmospheric Administration
NWS	National Weather Service
PoF	Probability of Frozen Precipitation
PoFP	Probability of Frozen Precipitation type
PoP	Probability of Precipitation
PE	Primitive Equation
PEH	Plus Every Hour
PE6H	Plus Every 6 Hours
POSH	Probability of Heavy Snow
QPF	Quantitative Precipitation Forecast
Reg.	Reginal Airport
RAMOS	Remote Automatic Meteorological Observing System
Sat	Saturday
Sun	Sunday

MEXICAN STATE ABBREVIATIONS

AGS	Aguascalientes	NAY	Nayarit
BCN	Baja California Norte	NL	Nuevo Laredo
BCS	Baja California Sur	OAX	Oaxaca
CAMP	Campeche	PUE	Puebla
CHIH	Chihuahua	QROO	Quintana Roo
CHIS	Chiapas	QRO	Queretaro
COAH	Coahuila	SIN	Sinaloa
COL	Colima	SLP	San Luis Potosi
DF	Distrito Federal	SON	Sonora
DGO	Durango	TAB	Tabasco
GRO	Guerrero	TAMPS	Tamplipas
GTO	Guanajuato	TLAX	Tlaxcala
HGO	Hidalgo	VER	Veracruz
JAL	Jalisco	YUC	Yucatan
MEX	Mexico	ZAC	Zacatecas
MICH	Michoacan		

OTHER FOREIGN COUNTRY ABBREVIATIONS

CZ	Czechoslovakia	PO	Poland
FR	France	RO	Romania
FRG	Federal Republic of Germany	SP	Spain
GDR	German Democratic Republic	UK	United Kingdom
GR	Greece	USSR	Union of Soviet Social
IY	Italy		Republics
PL	Portugal	YG	Yugoslavia



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